AUTHOR INDEX

A

AASS, N., jt. author. *See* FOSSÅ, S. D.

ABOSEIF, S. R., BREZA, J., LUE, T. F. and TANAGHO, E. A. Penile venous drainage in erectile dysfunction. Anatomical, radiological and functional considerations, 183

ADAIKAN, P. G., jt. author. *See* LAU, L. C.

ADAIKAN, P. G., jt. author. *See* ROY, A. C.

ADLERCREUTZ, H., jt. author. *See* RANNIKKO, S.

AGHAJI, A. E. and MBONO, O. O. Bladder tumours in Enugu, Nigeria, 399

AHMED, M., jt. author. *See* KHAN, A.

AITCHISON, M., CARTER, R., PATERSON, P. and FERRIE, B. Is the treatment of urgency incontinence a placebo response? Results of a five-year follow-up, 478

ALKEN, P., jt. author. *See* JÜNEMANN, K.-P.

ALLISON, D. J., jt. author. *See* GILL, K. P.

ALPUENTE, J. O., jt. author. *See* SALOM, M. G.

AMES, A. C., jt. author. *See* POWELL, C. S.

ANDERSON, J. H., KIRK, D. and ORR, P. S. Ureteroscopic removal of a retained "T" tube fragment (point of technique), 105

ANDERSSON, B., jt. author. *See* MALMSTRÖM, P.-U.

ASHBY, D., jt. author. *See* HAYLEN, B. T.

ASHPOLE, R., jt. author. *See* KELLEHER, J. P.

ATHERTON, J. C., jt. author. *See* JONES, D. A.

ATWELL, J. D., jt. author. *See* ROBERTS, J. P.

AULDIST, A. W., jt. author. *See* DEWAN, P. A.

AWAD, E. M., IBRAHIM, A. I. A., BASHEER, A. A. and FUDA, B. I. Evaluation of surgical procedures for bilharzial strictures of the ureter, 134

AYHAN, A., jt. author. *See* TANYEL, F. C.

B

BABINET, P., jt. author. *See* LORTHOLARY, O.

BADENOCH, D. F., EVANS, S. J. W. and MCCLOSKEY, D. J. Sperm density measurement: should this be abandoned?, 521

BAERT, R. J. M., jt. author. *See* VAN DER VIS-MELSEN, M. J. E.

BAGSHAWE, D., jt. author. *See* SMITH, D. B.

BANKS, R. A., REYNOLDS, S. and HANBURY, D. Identification of the source of haematuria by automated measurement of red cell volume, 45

BANNISTER, R., jt. author. *See* EARDLEY, I.

BAÑOS, J. L. G., GARCÍA, B. M., MARTÍN, J. A. P. and RODRÍGUEZ, R. H. Giant urethral calculus (case report), 550

BARNARD, R. J., jt. author. *See* JONES, D. A.

BARNES, D. G. and MCGEORGE, A. The duplex ureter in Burnley, Pendle and Rossendale, 345

BASHEER, A. A., jt. author. *See* AWAD, E. M.

BEGENT, R. H. J., jt. author. *See* SMITH, D. B.

BEIGH, A. A., jt. author. *See* SHARMA, R. N.

BEMELMANS, L. M. M. J., jt. author. *See* VAN DER VIS-MELSEN, M. J. E.

BENNETT, A. H. and GAROFALO, F. A. Enhanced cavernometry: procedure for the diagnosis of venogenic impotence, 420

BENSON, C. B., jt. author. *See* LITWIN, M. S.

BIRCH, B. R. P. and HARLAND, S. J. The pT1 G3 bladder tumour (review), 109

BISHOP, M. C., LEMBERGER, R. J., SELBY, C. and LAWRENCE, W. T. Oestrogen dosage in prostatic cancer: the threshold effect?, 290

BLACKLOCK, A. R. E. Renal denervation with releasing renal capsule incision in the loin pain/haematuria syndrome (point of technique), 203

BLANDY, J. P., jt. author. *See* ILES, R. K.

BLANDY, J. P., jt. author. *See* JENKINS, B. J.

BLANDY, J. P., jt. author. *See* MCNICHOLAS, T. A.

BLEASE, S., jt. author. *See* CHAPPLE, C. R.

BLOM, J. H. M., jt. author. *See* LOCK, M. T. W. T.

BLOOM, S. R., jt. author. *See* KIELY, E. A.

BOSL, G., jt. author. *See* SCHER, H.

BRADING, A. F., jt. author. *See* DIXON, J. S.

BREMNER, D. N., jt. author. *See* KUMAR, D

BREZA, J., jt. author. *See* ABOSEIF, S. R.

BRINDLEY, G. S., SAUERWEIN, D. and HENDRY, W. F. Hypogastric plexus stimulators for obtaining semen from paraplegic men, 72

BRINGUIER, P. P., jt. author. *See* HIJAZI, A.

BROWN, P. W., jt. author. *See* KUMAR, D.

BRYAN, J. M., jt. author. *See* RAMSAY, J. W. A.

BUCK, A. C., REES, R. W. M. and EBELING, L. Treatment of chronic prostatitis and prostatodynia with pollen extract, 496

BUCKLEY, J. F., CHAPPLE, C. R. and MCNICHOLAS, T. Continuous infusion of phenylephrine in the treatment of papaverine-induced priapism (case report), 654

BUJAN, L., MIEUSSET, R., MANSAT, A., MOATTI, J. P., MONDINAT, C. and PONTONNIER, F. Testicular size in infertile men: relationship to semen characteristics and hormonal blood levels, 632

BULLOCK, K. N., jt. author. *See* SAW, K. C.

BUSCH, C., jt. author. *See* MALMSTRÖM, P.-U.

BUTLER, M. R., jt. author. *See* KIELY, E. A.

BUTUROVIC, J., jt. author. *See* PETRONIC, V.

BÜYÜKPAMUKÇU, N., jt. author. *See* TANYEL, F. C.

C

CAFFERKEY, M. T., jt. author. *See* KIELY, E. A.

CAMPLEJOHN, R. S., jt. author. *See* MASTERS, J. R. W.

CARLSSON, C.-A., jt. author. *See* FALL, M.

CARROLL, R. N. P., jt. author. *See* DURRANS, D.

CARTER, R., jt. author. *See* AITCHISON, M.

CASTILLO, J. R.del, jt. author. *See* SALOM, M. G.

CAUDA, R., CRUCIANI, E., LAGHI, V., FINI, D., TRESALTI, E., DI SILVERIO, F. and ORTONA, L. Radiological changes and circulating immune complexes in patients with urinary schistosomiasis, 227

CHAPPLE, C. R., HELM, C. W., BLEASE, S., MILROY, E. J. G., RICKARDS, D. and OSBORNE, J. L. Asymptomatic bladder neck incompetence in nulliparous females, 357

CHAPPLE, C. R., jt. author. *See* BUCKLEY, J. F.

CHARD, T., jt. author. *See* ILES, R. K.

CHNG, H. C., jt. author. *See* LIM, P. H. C.

CHRISTENSEN, H. J., jt. author. *See* LANNG, C.

CLARKE, T. J., jt. author. *See* WYATT, M. G.

COHEN, S. J., jt. author. *See* FREY, P.

COLE, R. S., jt. author. *See* MONTGOMERY, B. S. I.

CONTE, A., jt. author. *See* GRASES, F

COOK, A. M., jt. author. *See* SAA-GANDI, F. W.

CORBUSIER, A., jt. author. *See* WESPES, E.

COSTA-BAUZA, A., jt. author. *See* GRASES, F.

CRANSTON, D. Transuretero-ureterostomy (squared): left to right and right to left in the same patient (point of technique), 323
CRANSTON, D., jt. author. *See* DAVIES, A. H.
CRAWFORD, R. A., SETHIA, K. K. and FAWCETT, D. P. An unusual presentation of a urachal remnant (case report), 315
CROFTON, M. E., jt. author. *See* KELLEHER, J. P.
CROW, R. A., jt. author. *See* RAMSAY, J. W. A.
CRUCIANI, E., jt. author. *See* CAUDA, R.
CUMMING, J. A., MCINTYRE, M. A., MACINTYRE, C. C. A. and HARGREAVE, T. B. Surveillance of an at risk population: assessment of postal urine cytology, 579
CURLEY, T., jt. author. *See* SCHER, H.

D

DAVIES, A. H., CRANSTON, D., MEAGHER, T. and FELLOWS, G. J. Detection of recurrent bladder tumours by transrectal and abdominal ultrasound compared with cystoscopy, 409
DAVIES, R. L., jt. author. *See* JONES, D. R.
D'CRUZ, D. P., GERTNER, D. J., KASIDAS, G. P., RAMPTON, D. S., ROSE, G. A. and SAMUELL, C. T. Failure of allopurinol to modify urinary composition in enteric hyperoxaluria, 231
DE VERE WHITE, R. W., jt. author. *See* WOLACH, M. D.
DEAN, P., jt. author. *See* MUOLO, A.
DEAN, P., jt. author. *See* PRATI, G. F.
DEANE, R. F., jt. author. *See* KIRKALI, Z.
DEANE, R. F., jt. author. *See* REID, D. B.
DEANE, R. F., jt. author. *See* TEENAN, R. P.
DEBRUYNE, F. M. J., jt. author. *See* KIL, P. J. M.
DEKERNION, J. B., jt. author. *See* MUKAMEL, E.
DEKERNION, J. B., jt. author. *See* RITCHIE, A. W. S.
DELCOUR, C., jt. author. *See* WESPES, E.
DELTENRE, P. F. and THIRY, A. J. Urinary bladder cortical evoked potentials in man: suitable stimulation techniques, 381
DENT, C. and NOBLE, J. Small bowel lymphoma invading the bladder (case report), 430
DERSHAW, D., jt. author. *See* SCHER, H.
DESMOND, A. D., jt. author. *See* LOH, C. S.
DESMOND, A. D., jt. author. *See* PARR, N. J.
DEVONEC, M., jt. author. *See* HIJAZI, A.
DEWAN, P. A., TAN, H. L., AULDIST, A. W. and MOSS, D. I. McL. Priapism in childhood, 541
DHILLON, H. K., jt. author. *See* GILL, H. S.
DI SILVERIO, F., jt. author. *See* CAUDA, R.
DING, X. Sclerotherapy with tetracycline for hydrocele of the tunica vaginalis testis (point of technique), 322
DISNEY, R. H. L., jt. author. *See* MEINHARDT, W.
DIVERS, M. J. and ROBERTSON, G. Difficulty in removing suprapubic catheter (point of technique), 105
DIXON, A. K., jt. author. *See* HANBURY, D. C.
DIXON, J. S., GILPIN, C. J., GILPIN, S. A., GOSLING, J. A., BRADING, A. F. and SPEAKMAN, M. J. Sequential morphological changes in the pig detrusor in response to chronic partial urethral obstruction, 385
DIXON, J. S., jt. author. *See* JOST, S. P.
DOBLE, A., THOMAS, B. J., FURR, P. M., WALKER, M. M., HARRIS, J. R. W., WITHEROW, R. O'N. and TAYLOR-ROBINSON, D. A search for infectious agents in chronic abacterial prostatitis using ultrasound guided biopsy, 297
DROEGE, G. F., jt. author. *See* LITWIN, M. S.
DURRANS, D., WUJANTO, R., CARROLL, R. N. P. and TORRANCE, H. B. Bile acid malabsorption: a complication of conduit surgery, 485
DUTRIEUX-BERGER, N., jt. author. *See* HIJAZI, A.

E

EARDLEY, I., QUINN, N. P., FOWLER, C. J., KIRBY, R. S., PARKHOUSE, H. M., MARSDEN, C. D. and BANNISTER, R. The value of urethral sphincter electromyography in the differential diagnosis of Parkinsonism, 360
EARDLEY, I., jt. author. *See* RAMSAY, J. W. A.
EBELING, L., jt. author. *See* BUCK, A. C.
EKMAN, I., MÅNSSON, W. and NYBERG, L. Absorption of drugs from continent caecal reservoir for urine, 412
ELLIOTT, T. S. J., REID, L., RAO, G. G., RIGBY, R. C. and WOODHOUSE, K. Bladder irrigation or irritation, 391
EVANS, K. T., jt. author. *See* JONES, D. R.
EVANS, S. J. W., jt. author. *See* BADENOCH, D. F.

F

FAIR, W., jt. author. *See* SCHER, H.
FALKINER, F. R., jt. author. *See* KIELY, E. A.
FALL, M., OHLSSON, B. L. and CARLSSON, C.-A. The neurogenic overactive bladder. Classification based on urodynamics, 368
FALL, M., jt. author. *See* OHLSSON, B. L.
FARMAN, P., jt. author. *See* HANBURY, D. C.
FAWCETT, D. P., jt. author. *See* CRAWFORD, R. A.
FELLOWS, G. J., jt. author. *See* DAVIES, A. H.
FENELEY, R. C. L., jt. author. *See* WIDDISON, A. D.
FERRIE, B., jt. author. *See* AITCHISON, M.
FERRIE, B. G., GROOME, J. and KIRK, D. Urethral stricture following aortic graft surgery, 162
FERRO, M. A., jt. author. *See* LAI, T.
FIELDING, A. M., jt. author. *See* POWELL, C. S.
FINI, D., jt. author. *See* CAUDA, R.
FITZPATRICK, J. M., jt. author. *See* GRACE, P. A.
FLYNN, J. T., jt. author. *See* LONDON, N. J. M.
FORSYTHE, J. L. R., ROBINSON, M. C. and NEAL, D. E. Renal carcinoma with adjacent retroperitoneal fibrosis (case report), 651
FOSSÅ, S. D., AASS, N. and MOLNE, K. Is routine pre-treatment cyropreservation of semen worthwhile in the management of patients with testicular cancer?, 524
FOSSÅ, S. D., KULLMANN, G., LIEN, H. H., STEMWIG, A. E. and OUS, S. Chemotherapy of advanced seminoma: clinical significance of radiological findings before and after treatment, 530
FOSSÅ, S. D., RAABE, N. and MOE, B. Recombinant interferon-alpha with or without vinblastine in metastatic renal carcinoma: results of a randomised phase II study, 468
FOSSÅ, S. D., jt. author. *See* RAABE, N. K.
FOSTER, M. C. and O'REILLY, P. H. Early experience of the Gittes "no-incision" pubovaginal suspension for stress urinary incontinence, 590
FOWLER, C. G., jt. author. *See* JENKINS, B. J.
FOWLER, C. J., jt. author. *See* EARDLEY, I.
FOWLER, J. W., jt. author. *See* INGLIS, J. A.
FRANKENBERG-SOMMAR, S., jt. author. *See* OHLSSON, B. L.
FRAZER, M. I., jt. author. *See* HAYLEN, B. T.
FREY, P. and COHEN, S. J. Anterior pelvic osteotomy. A new operative technique facilitating primary bladder exstrophy closure, 641
FRIEDMAN, M., jt. author. *See* YACHIA, D.

FROHMÜLLER, H. G. W., jt. author. *See* GRUPS, J. W.
FUDA, B. I., jt. author. *See* AWAD, E. M.
FURR, P. M., jt. author. *See* DOBLE, A.

G

GARCÍA, B. M., jt. author. *See* BAÑOS, J. L. G.
GARDIN, J. P., jt. author. *See* LORTHOLARY, O.
GARFALO, F. A., jt. author. *See* BENNETT, A. H.
GARNHAM, A. J., jt. author. *See* RAMSAY, J. W. A.
GEARHART, J. P., jt. author. *See* ISSA, M. M.
GENESTAR, C., jt. author. *See* GRASES, F.
GEORGE, N. J. R., jt. author. *See* JONES, D. A.
GERTNER, D. J., jt. author. *See* D'CRUZ, D. P.
GILL, H. S., DHILLON, H. K. and WOODHOUSE, C. R. J. Adenocarcinoma of the urinary bladder, 138
GILL, K. P., MACHAN, L. S., ALLISON, D. J. and WILLIAMS, G. Bladder outflow tract obstruction and urinary retention from benign prostatic hypertrophy treated by balloon dilatation, 618
GILLEN, P., jt. author. *See* GRACE, P. A.
GILLESPIE, L., jt. author. *See* WITHEROW, R. O'N.
GILLESPIE, W. A., HENDERSON, E. P., LINTON, K. B. and SMITH, P. J. B. Microbiology of the urethral (frequency and dysuria) syndrome. A controlled study with a 5-year review, 270
GILPIN, C. J., jt. author. *See* DIXON, J. S.
GILPIN, J. A., jt. author. *See* DIXON, J. S.
GLEESON, M. J. and GRIFFITH, D. P. Extracorporeal shockwave lithotripsy monotherapy for large renal calculi, 329
GOBLE, N. M., jt. author. *See* WORSEY, J.
GOLDIN, R. D., jt. author. *See* WITHEROW, R. O'N.
GONZALEZ, P. C., jt. author. *See* SALOM, M. G.
GOPALAKRISHNAN, G., jt. author. *See* SHARMA, D. K.
GORDON, N. S. I. Stalactites and stalagmites: crystal formation on ureteric double-J stents (case report), 195
GOSLING, J. A., jt. author. *See* DIXON, J. S.
GOSLING, J. A., jt. author. *See* JOST, S. P.
GOULIAMOS, A., jt. author. *See* KARABEKIOS, S.
GRACE, P. A., GILLEN, P., SMITH, J. M. and FITZPATRICK, J. M. Extracorporeal shock wave lithotripsy with the Lithostar lithotriptor, 117
GRAHAM, A. G., jt. author. *See* KIRKALI, Z.
GRANT, J. B. F., jt. author. *See* NEILSON, D.
GRASES, F., GENESTAR, C., CONTE, A., MARCH, P. and COSTA-BAUZA, A. Inhibitory effect of pyrophosphate, citrate, magnesium and chondroitin sulphate in calcium oxalate urolithiasis, 235
GRAY, B. K., jt. author. *See* MacDERMOTT, J. P.
GRIFFITH, D. P., jt. author. *See* GLEESON, M. J.
GRIFFITHS, C. J., jt. author. *See* WEBB, R. J.
GRIFFITHS, G. J., jt. author. *See* JONES, D. R.
GRIGOR, K. M., jt. author. *See* INGLIS, J. A.
GROEN, J. M., jt. author. *See* VAN DER VIS-MELSEN, M. J. E.
GROOME, J., jt. author. *See* FERRIE, B. G.
GRUPS, J. W. and FROHMÜLLER, H. G. W. Cyclic interferon gamma treatment of patients with metastatic renal carcinoma, 218
GUPTA, S., jt. author. *See* SHARMA, R. N.

H

HAAPIAINEN, R., jt. author. *See* RANNIKKO, S.
HAAPIAINEN, R. K., jt. author. *See* LEPPANIEMI, A. K.
HADJISSOTIRIOU, G. G., jt. author. *See* REBELAKOS, A.
HAHN, R. G. Acid phosphatase levels in serum during transurethral prostatectomy, 500
HAHN, R. G. Glycine irrigation and urinary oxalate excretion, 287
HALLSON, P. C. and ROSE, G. A. Measurement of calcium phosphate crystalluria: influence of pH and osmolality and invariable presence of oxalate, 458
HALLSON, P. C. and ROSE, G. A. Risk factors for urinary calcium oxalate crystals as revealed by their specific enzymatic assay, 451
HALME, A., KELLOKUMPU-LEHTINEN, P., LEHTONEN, T. and TEPPO, L. Morphology of testicular germ cell tumours in treated and untreated cryptorchidism, 78
HAMMONDS, J. C., jt. author. *See* WYATT, M. G.
HANBURY, D., jt. author. *See* BANKS, R. A.
HANBURY, D. C., WHITAKER, R. H., SHERWOOD, T. and FARMAN, P. Ultrasound and plain X-ray screening in childhood urinary tract infection, 638
HANBURY, D. C., WHITAKER, R. H., TUDOR, J., DIXON, A. K. and WRAIGHT, E. P. Maps for diagnosis and management of antenatal urinary tract dilatation, 221
HARADA, M., jt. author. *See* NEMOTO, R.
HARGREAVE, T. B., jt. author. *See* CUMMING, J. A.
HARLAND, S. J., jt. author. *See* BIRCH, B. R. P.
HARRIS, J. R. W., jt. author. *See* DOBLE, A.
HARRISON, T. J., jt. author. *See* JONES, D. R.
HASTIE, K. J., O'REGAN, D. J. and MOISEY, C. U. Acute retention due to multiple urethral calculi—an unusual presentation of bladder tumour (case report), 316
HATTORI, K., jt. author. *See* NEMOTO, R.
HAYLEN, B. T. Residual urine volumes in a normal female population: application of transvaginal ultrasound, 347
HAYLEN, B. T. Verification of the accuracy and range of transvaginal ultrasound in measuring bladder volumes in women, 350
HAYLEN, B. T., ASHBY, D., SUTHERST, J. R., FRAZER, M. I. and WEST, C. R. Maximum and average urine flow rates in normal male and female populations—the Liverpool nomograms, 30
HAYLEN, B. T., FRAZER, M. I. and MACDONALD, J. H. Assessing the effectiveness of different urinary catheters in emptying the bladder: an application of transvaginal ultrasound, 353
HAYLEN, B. T., SUTHERST, J. R. and FRAZER, M. I. Is the investigation of most stress incontinence really necessary?, 147
HAYLEN, B. T., jt. author. *See* PARYS, B. T.
HEATON, N. D., HOGAN, B., MICHELL, M., THOMPSON, P. and YATES-BELL, A. J. Tuberculous epididymo-orchitis: clinical and ultrasound observations, 305
HEATON, N. D., KADOW, C. and PACKHAM, D. A. Nodular periorchitis (case report), 546
HEATON, N. D., KADOW, C. and YATES-BELL, A. J. Late presentation of congenital posterior urethral valves (case report), 98
HEATON, N. D., SEVERN, A. and RENNIE, J. A. Atypical presentation of tuberculosis following long-term haemodialysis (case report), 433
HEHIR, M., jt. author. *See* O'FLYNN, K.
HELM, C. W., jt. author. *See* CHAPPLE, C. R.
HENDERSON, E. P., jt. author. *See* GILLESPIE, W. A.
HENDRY, W. F., jt. author. *See* BRINDLEY, G. S.
HERBISON, G. P., jt. author. *See* WILSON, P. D.
HERR, H., jt. author. *See* SCHER, H.
HIÇSÖNMEZ, A., jt. author. *See* TANYEL, F. C.
HÍDA, S., jt. author. *See* MATSUDA, T.

HIJAZI, A., DEVONEC, M., BRINGUIER, P. P., DUTRIEUX-BERGER, N., PERRIN, P. and REVILLARD, J. P. Flow cytometry analysis of leucocytes infiltrating bladder tumours according to grade and urothelial cell DNA content, 245
HINCHLIFFE, A., jt. author. *See* MALPANI, K.
HOGAN, B., jt. author. *See* HEATON, N. D.
HOLDER, P. D., jt. author. *See* SHAH, P. J. R.
HOPE-STONE, H. F., jt. author. *See* JENKINS, B. J.
HUSSEY, J., jt. author. *See* O'FLYNN, K.
HUTTON, J. L., jt. author. *See* PARYS, B. T.

I

IBRAHIM, A. I. A., jt. author. *See* AWAD, E. M.
ILES, R. K., JENKINS, B. J., OLIVER, R. T. D., BLANDY, J. P. and CHARD, T. Beta human chorionic gonadotrophin in serum and urine. A marker for metastatic urothelial cancer, 241
INGLIS, J. A., FOWLER, J. W. and GRIGOR, K. M. Management of localised prostatic carcinoma, 66
INOUE, H., jt. author. *See* PAK, K.
ISGAR, B. and TURNER, A. G. Large scrotal haematoma treated with medicinal leeches (case report), 549
ISGAR, B. and TURNER, A. G. Staff safety and bladder irrigation (point of technique), 657
ISHIZUKA, O., OGAWA, A. and OOHASHI, M. Renovascular hypertension associated with narrowing of the infrarenal aorta (case report), 98
ISSA, M. M. and GEARHART, J. P. The failed MAGPI: management and prevention, 169
ISVANESKI, M., jt. author. *See* PETRONIC, V.
ITATANI, H., jt. author. *See* YOSHIOKA, T.

J

JAMES, K., jt. author. *See* RITCHIE, A. W. S.
JEANS, W. D., jt. author. *See* STOWER, M. J.
JENKINS, B. J., NAUTH-MISIR, R. R., MARTIN, J. E., FOWLER, C. G., HOPE- STONE, H. F. and BLANDY, J. P. The fate of G3pT1 bladder cancer, 608
JENKINS, B. J., jt. author. *See* ILES, R. K.
JOHNSTON, S. R., jt. author. *See* KERNOHAN, R. M.
JONES, D. A., ATHERTON, J. C., O'REILLY, P. H., BARNARD, R. J. and GEORGE, N. J. R. Assessment of the nephron segments involved in post- obstructive diuresis in man, using lithium clearance, 559
JONES, D. J. and MCNICHOLAS, T. A. Catheters: a knotty problem! (case report), 198
JONES, D. R., GRIFFITHS, G. J., PARKINSON, M. C., EVANS, K. T., ROBERTS, E. E., DAVIES, R. L., HARRISON, T. J. and PEELING, W. B. Structure and per-rectal ultrasonography of prostatic disease using cadaver specimens, 611
JONES, D. R., ROBERTS, E. E., GRIFFITHS, G. J., PARKINSON, M. C., EVANS, K. T. and PEELING, W. B. Assessment of volume measurement of the prostate using per-rectal ultrasonography, 493
JOST, S. P., GOSLING, J. A. and DIXON, J. S. The fine structure of human pseudomembranous trigonitis, 472
JÜNEMANN, K.-P., PERSSON-JÜNEMANN, C., LUE, T. F., TANAGHO, E. A. and ALKEN, P. Neurophysiological aspects of penile erection; the role of the sympathetic nervous system, 84

K

KADOW, C., jt. author. *See* HEATON, N. D.
KAISARY, A. V., jt. author. *See* LAI, T.
KALOVIDOURIS, A., jt. author. *See* KARABEKIOS, S.
KAMBEROĞLU, H., jt. author. *See* SÖZER, I. T.
KAPUR, M. M., SOOD, S., KOCHAR, K. P., PAUL, S. and RAO, S. V. S. Prognostic factors in the surgical treatment of azoospermia, 69
KARABEKIOS, S., GOULIAMOS, A., KALOVIDOURIS, A., VLAHOS, L., PAPAVASILIOU, C. and SAKKAS, J. Features of computed tomography in hydatid cysts of the urinary tract, 575
KASIDAS, G. P., jt. author. *See* D'CRUZ, D. P.
KELLEHER, J. P., ASHPOLE, R. and PENGELLY, A. W. Penile plaque: a presentation of metastatic renal carcinoma (case report), 428
KELLEHER, J. P., CROFTON, M. E. and WITHEROW, R. O'N. Temporary upper tract urinary diversion using a detachable occlusion balloon and percutaneous nephrostomy (point of technique), 657
KELLOKUMPU-LEHTINEN, P., jt. author. *See* HALME, A.
KERNOHAN, R. M. and JOHNSTON, S. R. A rare cause of intermittent painful penile swelling (case report), 316
KERREBROECK, P. E. V. A.va *See* KIL, P. J. M.
KHAN, A., AHMED, M. and TALATI, J. Seminal vesicle cystic dilatation masquerading as proctalgia fugax (case report), 428
KIELY, E. A., BLOOM, S. R. and WILLIAMS, G. Penile response to intracavernosal vasoactive intestinal polypeptide alone and in combination with other vasoactive agents, 191
KIELY, E. A., MCCORMACK, T., CAFFERKEY, M. T., FALKINER, F. R. and BUTLER, M. R. Study of appropriate antibiotic therapy in transurethral prostatectomy, 61
KIELY, E. A, RYAN, P. C., MCDERMOTT, T. E. D. and BUTLER, M. R. Extracorporeal shockwave lithotripsy using ultrasonic imaging: urologists' experience, 1
KIL, P. J. M., VRIES, J. D. M.de, VAN KERREBROECK, P. E. V. A., ZWIERS, W. and DEBRUYNE, F. M. J. Factors determining the outcome following implantation of the AMS 800 artificial urinary sphincter, 586
KINDER, R. B., jt. author. *See* LONDON, N. J. M.
KINN, A-C. Stop-flow measurement of detrusor contractility in bladder outflow obstruction, 363
KIRBY, R. S., jt. author. *See* EARDLEY, I.
KIRK, D., jt. author. *See* ANDERSON, J. H.
KIRK, D., jt. author. *See* FERRIE, B. G.
KIRKALI, Z., MOFFAT, L. E. F., DEANE, R. F., KYLE, K. F. and GRAHAM, A. G. Urothelial tumours of the upper urinary tract, 18
KOCHAR, K. P., jt. author. *See* KAPUR, M. M.
KOIDE, T., jt. author. *See* YOSHIOKA, T.
KONDRATOWICZ, G. M. and WALLACE, D. M. A. BCG pyelonephritis following intravesical BCG (case report), 649
KRICHEN, H., jt. author. *See* MHIRI, M. N.
KRISHNAN, K., jt. author. *See* SIDHU, H.
KROMANN-ANDERSEN, B., jt. author. *See* NIELSEN, K. K.
KULLMANN, G., jt. author. *See* FOSSÅ, S. D.
KUMAR, D., BREMNER, D. N. and BROWN, P. W. Fertility after orchiopexy for cryptorchidism: a new approach to assessment, 516
KURTH, K. H., jt. author. *See* LOCK, M. T. W. T.
KYLE, K. F., jt. author. *See* KIRKALI, Z.

L

LAGHI, V., jt. author. *See* CAUDA, R.
LAI, T., FERRO, M. A., KAISARY, A. V., SMITH, P. J. B. and SYMES, M. O. Testing the chemosensitivity of renal carcinoma *in vitro*, 25
LAMERIS, J. S., jt. author. *See* LOCK, M. T. W. T.

LANNG, C., NORDLING, J. and CHRISTENSEN, H. J. Subcutaneous vasopressin in nocturnal enuresis (case report), 652
LASK, D., jt. author. *See* YACHIA, D.
LAU, L. C., ADAIKAN, P. G. and RATNAM, S. S. Effect of histamine on human vas deferens *in vitro*, 423
LAU, W. Y., jt. author. *See* YIP, A.
LAW, S. Y. K., jt. author. *See* SCOTT, R. A.
LAWRENCE, W. T., jt. author. *See* BISHOP, M. C.
LEHTONEN, T., jt. author. *See* HALME, A.
LEHTONEN, T. A., jt. author. *See* LEPPÄNIEMI, A. K.
LEMBERGER, R. J., jt. author. *See* BISHOP, M. C.
LEPPÄNIEMI, A. K., HAAPIAIEN, R. K. and LEHTONEN, T. A. Diagnosis and treatment of patients with renal trauma, 13
LIEN, H. H., jt. author. *See* FOSSÅ, S. D.
LIGHT, J. K. Long-term clinical results using the artificial urinary sphincter around bowel, 56
LIM, P. H. C., and CHNG, H. C. Initial management of acute urethral injuries, 165
LINTON, K. B., jt. author. *See* GILLESPIE, W. A.
LITWIN, M. S., LOUGHLIN, K. R., BENSON, C. B., DROEGE, G. F. and RICHIE, J. P. Placenta percreta invading the urinary bladder, 283
LOCK, M. T. W. T., KURTH, K. H., LAMERIS, J. S., TEN KATE, J. W., BLOM, J. H. M. and SCHOLTMEIJER, R. J. Renal carcinoma presenting as a large staghorn stone (case report), 103
LOH, C. S., PARR, N. J. and DESMOND, A. D. Diagnosis and successful treatment of *post partum* renal vein thrombosis (case report), 653
LOH, C. S., jt. author. *See* PARR, N. J.
LONDON, N. J. M., MESSIOS, N., KINDER, R. B., SMART, J. G., OSBORN, D. E., WATKIN, E. M. and FLYNN, J. T. A prospective study of the value of conventional CT, dynamic CT, ultrasonography and arteriography for staging renal carcinoma, 209
LORTHOLARY, O., BABINET, P., MECHALI, D., GARDIN, J. P. and MEYRIER, A. Paraneoplastic hypercalcaemia in association with schistosomal bladder cancer (case report), 550
LOUGHLIN, K. R., jt. author. *See* LITWIN, M. S.
LUCAS, S. B., PARR, D. C., WRIGHT, E., PAPADAKI, L. and PATOU, G. AIDS presenting as cytomegalovirus cystitis (case report), 429
LUE, T. F., jt. author. *See* ABOSEIF, S. R.
LUE, T. F., jt. author. *See* JÜNEMANN, K.-P.
LUPTON, E. W., jt. author. *See* PATERSON, I. S.

M

MCCALLUM, K. A. and READING, C. Hot flushes are induced by thermogenic stimuli, 507
MCCANN, N., jt. author. *See* REID, D. B.
MCCLINTON, S., RICHMOND, P. and STEYN, J. H. Spontaneous extravasation and urinoma formation secondary to cervical carcinoma (case report), 100
MCCLOSKEY, D. J., jt. author. *See* BADENOCH, D. F.
MCCORMACK, T., jt. author. *See* KIELY, E. A.
MACDERMOTT, J. P. and GRAY, B. K. Pararenal pseudocyst secondary to bladder tumour (case report), 197
MACDERMOTT, J. P., jt. author. *See* WOLACH, M. D.
MCDERMOTT, T. E. D., jt. author. *See* KIELY, E. A.
MACDONALD, J. H., jt. author. *See* HAYLEN, B. T.
MCGEORGE, A., jt. author. *See* BARNES, D. G.
MACHAN, L. S., jt. author. *See* GILL, K. P.
MACINTYRE, C. C. A., jt. author. *See* CUMMING, J. A.
MCINTYRE, M. A., jt. author. *See* CUMMING, J. A.
MCKELVIE, G., jt. author. *See* O'FLYNN, K.
MCKELVIE, G. B., jt. author. *See* O'FLYNN, K. J.
MCMULLEN, L., jt. author. *See* WITHEROW, R. O'N.
MCNICHOLAS, T., jt. author. *See* BUCKLEY, J. F.
MCNICHOLAS, T. A., THOMSON, K., ROGERS, H. S. and BLANDY, J. P. Pharmacological management of erections during transurethral surgery (point of technique), 435
MCNICHOLAS, T. A., jt. author. *See* JONES, D. J.
MALAKONDAIAH, G. C., jt. author. *See* SIDHU, H.
MALMSTRÖM, P.-U., NORLÉN, B. J., ANDERSSON, B. and BUSCH, C. Combination of blood group ABH antigen status and DNA ploidy as independent prognostic factor in transitional cell carcinoma of the urinary bladder, 49
MALPANI, K., METCALFE, S. M. and HINCHLIFFE, A. B5 tumour marker and urine cytology in diagnosis and follow-up of transitional cell bladder cancer, 257
MANSAT, A., jt. author. *See* BUJAN, L.
MÅNSSON, W., jt. author. *See* EKMAN, I.
MANTHOPOULOS, A., jt. author. *See* REBELAKOS, A.
MARCH, P., jt. author. *See* GRASES, F.
MARKUS, H. S. and O'BRIEN, J. T. Obstruction of the vena cava secondary to an enlarged bladder (case report), 102
MARSDEN, C. D., jt. author. *See* EARDLEY, I.
MARTÍN, J. A. P., jt. author. *See* BAÑOS, J. L. G.
MARTIN, J. E., jt. author. *See* JENKINS, B. J.
MASKELL, R. M., jt. author. *See* WILKINS, E. G. L.
MASON, M. V., jt. author. *See* WILSON, P. D.
MASTERS, J. R. W., CAMPLEJOHN, R. S., PARKINSON, M. C. and WOODHOUSE, C. R. J. DNA ploidy and the prognosis of stage pT1 bladder cancer, 403
MATSUDA, T., HIDA, S. and YOSHIDA, O. Prostatic adenocarcinoma with endometrioid features treated with oestrogen (case report), 317
MBONO, O. O., jt. author. *See* AGHAJI, A. E.
MEAGHER, T., jt. author. *See* DAVIES, A. H.
MECHALI, D., jt. author. *See* LORTHOLARY, O.
MEINHARDT, W. and DISNEY, R. H. L. Urogenital myiasis caused by scuttle fly larvae (Diptera:Phoridae) (case report), 547
MESSIOS, N., jt. author. *See* LONDON, N. J. M.
METCALFE, S. M., jt. author. *See* MALPANI, K.
MEYRIER, A., jt. author. *See* LORTHOLARY, O.
MHIRI, M. N., KRICHEN, H. and SMIDA, M. L. Expulsion of urethral calculus following intermittent closure of suprapubic catheter (point of technique), 322
MHIRI, M. N., REBAI, T., TURKI, L. and SMIDA, M. L. Association between squamous cell carcinoma of the renal pelvis and calculi (case report), 201
MICHELL, M., jt. author. *See* HEATON, N. D.
MIEUSSET, R., jt. author. *See* BUJAN, L.
MILROY, E. J. G., jt. author. *See* CHAPPLE, C. R.
MIYANAGA, N., jt. author. *See* NEMOTO, R.
MOATTI, J. P., jt. author. *See* BUJAN, L.
MOE, B., jt. author. *See* FOSSÅ, S. D.
MOFFAT, L. E. F., jt. author. *See* KIRKALI, Z.
MOISEY, C. U., jt. author. *See* HASTIE, K. J.
MOISO, K., jt. author. *See* NEMOTO, R.
MOLNE, K., jt. author. *See* FOSSÅ, S. D.
MONDINAT, C., jt. author. *See* BUJAN, L.
MONTGOMERY, B. S. I., COLE, R. S., PALFREY, E. L. H. and SHUTTLEWORTH, K. E. D. Does extracorporeal shockwave lithotripsy cause hypertension?, 567
MORSE, M., jt. author. *See* SCHER, H.
MOSS, D. I. McL., jt. author. *See* DEWAN, P. A.
MOSS, S. T., jt. author. *See* WILKINS, E. G. L.
MUKAMEL, E. and DEKERNION, J. B. Conservative treatment of diffuse carcinoma *in situ* of the bladder with repeated courses of intravesical therapy, 143

MULHALL, A. B., jt. author. *See* RAMSAY, J. W. A.
MUNDY, A. R. The treatment of sphincter strictures, 626
MUNDY, A. R., jt. author. *See* NURSE, D. E.
MUOLO, A., PRATI, G. F., RECCHIA, G. and DEAN, P. Technique for relieving vascular obstruction of the superior infundibulum (Fraley's Syndrome) (case report), 195
MUOLO, A., jt. author. *See* PRATI, G. F.
MURPHY, F. and PICKARD, R. S. Bromocriptine-associated retroperitoneal fibrosis presenting with testicular retraction (case report), 318
MURPHY, P. G. and WILSON, T. S. Selective colonisation of a urinary catheter (case report), 432

N

NATH, R., jt. author. *See* SIDHU, H.
NATH, V., jt. author. *See* SHARMA, D. K.
NAUTH-MISIR, R. R., jt. author. *See* JENKINS, B. J.
NEAL, D. E., jt. author. *See* FORSYTHE, J. L. R.
NEAL, D. E., jt. author. *See* WEBB, R. J.
NEERHUT, G. J., RITCHIE, A. W. S. and TOLLEY, D. A. Extraporporal piezoelectric lithotripsy for all renal stones: effectiveness and limitations, 5
NEF, J. J. E. M.de, jt. author. *See* VAN DER VIS-MELSEN, M. J. E.
NEILSON, D., GRANT, J. B. F. and SMITH, C. E. T. Squamous intra- epithelial neoplasia presenting as a urethral caruncle (case report), 200
NEMOTO, R., HATTORI, K., SASAKI, A., MIYANAGA, N., MOISO, K. and HARADA, M. Estimations of the S phase fraction *in situ* in transitional cell carcinoma of the renal pelvis and ureter with bromodeoxyuridine labelling, 339
NEWLANDS, E. S., jt. author. *See* SMITH, D. B.
NEWLING, D. W. W., jt. author. *See* SAA-GANDI, F. W.
NIELSEN, K. K., KROMANN-ANDERSEN, B. and NORDLING, J. Relationship between detrusor pressure and urinary flow rate in males with an intraurethral prostatic spiral, 275
NOBLE, J., jt. author. *See* DENT, C.
NORDLING, J., jt. author. *See* LANNG, C.
NORDLING, J., jt. author. *See* NIELSEN, K. K.
NORLÉN, B. J., jt. author. *See* MALMSTRÖM, P.-U.
NUEZ, P. C., jt. author. *See* SALOM, M. G.
NURSE, D. E. and MUNDY, A. R. Assessment of the malignant potential of cystoplasty, 489
NYBERG, L., jt. author. *See* EKMAN, I.

O

O'BRIEN, J. T., jt. author. *See* MARKUS, H. S.
O'FLYNN, K., HEHIR, M., MCKELVIE, G., HUSSEY, J. and STEYN, J. Endoballoon rupture and stenting for pelviureteric junction obstruction: technique and early results, 572
O'FLYNN, K. J. and MCKELVIE, G. B. Haematuria secondary to ideopathic renal vein varices (case report), 101
OGAWA, A., jt. author. *See* ISHIZUKA, O.
OHLSSON, B. L., FALL, M. and FRANKENBERG-SOMMAR, S. Effect of external and direct pudendal nerve maximal electrical stimulation in the treatment of the uninhibited overactive bladder, 374
OHLSSON, B. L., jt. author. *See* FALL, M.
OKA, T., jt. author. *See* YOSHIOKA, T.
OLIVER, , R. T. D., jt. author. *See* ILES, R. K.
OLSEN, L. H. Inter-observer variation in assessment of non-descensus testis analysis of kappa statistics as a coefficient of reliability, 644
OOHASHI, M., jt. author. *See* ISHIZUKA, O.
O'REGAN, D. J., jt. author. *See* HASTIE, K. J.
O'REILLY, P. H. Relationship between intermittent hydronephrosis and megacalicosis, 125
O'REILLY, P. H., jt. author. *See* FOSTER, M. C.
O'REILLY, P. H., jt. author. *See* JONES, D. A.
ORR, G., jt. author. *See* WISHART, G. C.
ORR, P. S., jt. author. *See* ANDERSON, J. H.
ORTONA, L., jt. author. *See* CAUDA, R.
OSBORN, D. E., jt. author. *See* LONDON, N. J. M.
OSBORNE, J. L., jt. author. *See* CHAPPLE, C. R.
OUS, S., jt. author. *See* FOSSÅ, S. D.

P

PACKHAM, D. A., jt. author. *See* HEATON, N. D.
PAK, K., INOUE, H. and TOMOYOSHI, T. Spontaneous perforation of the foreskin in Sweet's Syndrome (case report), 101
PALFREY, E. L. H., jt. author. *See* MONTGOMERY, B. S. I.
PANDEY, A. P., jt. author. *See* SHARMA, D. K.
PAPADAKI, L., jt. author. *See* LUCAS, S. B.
PAPAVASILIOU, C., jt. author. *See* KARABEKIOS, S.
PARKHOUSE, H. M., jt. author. *See* EARDLEY, I.
PARKINSON, M. C., jt. author. *See* JONES, D. R.
PARKINSON, M. C., jt. author. *See* MASTERS, J. R. W.
PARØ, G., jt. author. *See* RAABE, N. K.
PARR, D. C., jt. author. *See* LUCAS, S. B.
PARR, N. J., LOH, C. S. and DESMOND, A. D. Transurethral resection of the prostate and bladder tumour without withdrawal of warfarin therapy, 623
PARR, N. J., jt. author. *See* LOH, C. S.
PARSONS, K. F., jt. author. *See* PARYS, B. T.
PARYS, B. T., HAYLEN, B. T., HUTTON, J. L. and PARSONS, K. F. The effects of simple hysterectomy on vesicourethral function, 594
PATERSON, I. S. and LUPTON, E. W. Pelviureteric junction obstruction secondary to renal pelvic incarceration in a congenital diaphragmatic hernia (case report), 548
PATERSON, P., jt. author. *See* AITCHISON, M.
PATOU, G., jt. author. *See* LUCAS, S. B.
PAUL, S., jt. author. *See* KAPUR, M. M.
PAYNE, S. R., jt. author. *See* WILKINS, E. G. L.
PEAD, P. J., jt. author. *See* WILKINS, E. G. L.
PEELING, W. B., jt. author. *See* JONES, D. R.
PENGELLY, A. W., jt. author. *See* KELLEHER, J. P.
PERRIN, P., jt. author. *See* HIJAZI, A.
PERRY, K. C., jt. author. *See* WAYMONT, B.
PERSSON-JÜNEMANN, C., jt. author. *See* JÜNEMANN, K.-P.
PETRONIC, V., BUTUROVIC, J. and ISVANESKI, M. Xanthogranulomatous pyelonephritis, 336
PICKARD, R. S., jt. author. *See* MURPHY, F.
PONTONNIER, F., jt. author. *See* BUJAN, L.
POWELL, C. S., FIELDING, A. M., ROSSER, K., AMES, A. C. and VAUGHTON, K. C. Prostate specific antigen—a screening test for prostatic cancer?, 504
PRATI, G. F., MUOLO, A. and DEAN, P. Nephrogenic caliceal adenoma (case report), 99
PRATI, G. F., jt. author. *See* MUOLO, A.

Q

QUINN, N. P., jt. author. *See* EARDLEY, I.

R

RAABE, N., jt. author. *See* FOSSÅ, S. D.
RAABE, N. K., FOSSÅ, S. D. and PARØ, G. Phase II study of carboplantin in locally advanced and metastatic transitional cell carcinoma of the urinary bladder, 604

RAJNHERC, J. R., jt. author. *See* VAN DER VIS-MELSEN, M. J. E.
RAMPTON, D. S., jt. author. *See* D'CRUZ, D. P.
RAMSAY, A., jt. author. *See* TEENAN, R. P.
RAMSAY, J. W. A., GARNHAM, A. J., MULHALL, A. B., CROW, R. A., BRYAN, J. M., EARDLEY, I., VALE, J. A. and WHITFIELD, H. N. Biofilms, bacteria and bladder catheters: a clinical study, 395
RAMSDEN, P. D., jt. author. *See* WEBB, R. J.
RANNIKKO, S., ADLERCREUTZ, H. and HAAPIAINEN, R. Urinary oestrogen excretion in benign prostatic hyperplasia and prostatic cancer, 172
RAO, G. G., jt. author. *See* ELLIOTT, T. S. J.
RAO, S. V. S., jt. author. *See* KAPUR, M. M.
RATNAM, S. S., jt. author. *See* LAU, L. C.
RATNAM, S. S., jt. author. *See* ROY, A. C.
READING, C., jt. author. *See* MCCALLUM, K. A.
REBAI, T., jt. author. *See* MHIRI, M. N.
REBELAKOS, A., MANTHOPOULOS, A. and HADJISSOTIRIOU, G. G. Unusual metastasis of bladder cancer (case report), 198
RECCHIA, G., jt. author. *See* MUOLO, A.
REES, R. W. M., jt. author. *See* BUCK, A. C.
REID, D. B., MCCANN, N. and DEANE, R. F. Testicular metastases from prostatic carcinoma (case report), 315
REID, L., jt. author. *See* ELLIOTT, T. S. J.
RENNIE, J. A., jt. author. *See* HEATON, N. D.
REUTER, V., jt. author. *See* SCHER, H.
REVILLARD, J. P., jt. author. *See* HIJAZI, A.
REYNOLDS, S., jt. author. *See* BANKS, R. A.
RICHIE, J. P., jt. author. *See* LITWIN, M. S.
RICHMOND, D. H. and SUTHERST, J. Transrectal ultrasound scanning in urinary incontinence: the effect of the probe on urodynamic parameters, 600
RICHMOND, D. H. and SUTHERST, J. R. Burch colposuspension or sling for stress incontinence? A prospective study using transrectal ultrasound, 582
RICHMOND, P., jt. author. *See* MCCLINTON, S.
RICKARDS, D., jt. author. *See* CHAPPLE, C. R.
RIGBY, R. C., jt. author. *See* ELLIOTT, T. S. J.
RITCHIE, A. W. S., JAMES, K. and DEKERNION, J. B. Early postoperative morbidity of total prostatectomy, 511
RITCHIE, A. W. S, jt. author. *See* NEERHUT, G. J.
ROBERTS, E. E., jt. author. *See* JONES, D. R.
ROBERTS, J. B. M., jt. author. *See* WYATT, M. G.
ROBERTS, J. P. and ATWELL, J. D. Vesicoureteric reflux and urinary calculi in children, 10
ROBERTSON, G., jt. author. *See* DIVERS, M. J.
ROBINSON, M. C., jt. author. *See* FORSYTHE, J. L. R.
RODRÍGUEZ, R. H., jt. author. *See* BAÑOS, J. L. G.
ROGERS, H. S., jt. author. *See* MCNICHOLAS, T. A.
ROSE, G. A., jt. author. *See* D'CRUZ, D. P.
ROSE, G. A., jt. author. *See* HALLSON, P. C.
ROSSER, K., jt. author. *See* POWELL, C. S.
ROY, A. C., ADAIKAN, P. G., SEN, D. K. and RATNAM, S. S. Prostaglandin 15-hydroxydehydrogenase activity in human penile corpora cavernosa and its significance in prostaglandin-mediated penile erection, 180
RUSTIN, G. J. S., jt. author. *See* SMITH, D. B.
RYAN, P. C., jt. author. *See* KIELY, E. A.

S

SAA-GANDI, F. W., NEWLING, D. W. W. and COOK, A. M. Pyrexia of unknown origin. An atypical presentation of bladder carcinoma (case report), 548
SAKKAS, J., jt. author. *See* KARABEKIOS, S.
SALOM, M. G., ALPUENTE, J. O., CASTILLO, J. R. del, NUEZ, P. C. and GONZALEZ, P. C. Nephro-broncho-cutaneous fistula (case report), 652
SAMUELL, C. T., jt. author. *See* D'CRUZ, D. P.
SASAKI, A., jt. author. *See* NEMOTO, R.
SAUERWEIN, D., jt. author. *See* BRINDLEY, G. S.
SAW, K. C. and BULLOCK, K. N. Leaking iliac artery aneurysm causing bilateral ureteric obstruction and oliguria (case report), 431
SCHER, H., HERR, H., STERNBERG, C., FAIR, W., BOSL, G., MORSE, M., SOGANI, P., WATSON, R., DERSHAW, D., REUTER, V., CURLEY, T., VAUGHAN, E. D., WHITMORE, W. and YAGODA, A. Neo-adjuvant chemotherapy for invasive bladder cancer. Experience with the M-VAC regimen, 250
SCHOLTMEIJER, R. J., jt. author. *See* LOCK, M. T. W. T.
SCHULMAN, C. C., jt. author. *See* WESPES, E.
SCOTT, R. A., WATSON, P. S. and LAW, S. Y. K. Ureterorectal fistula (case report), 319
SELBY, C., jt. author. *See* BISHOP, M. C.
SEN, D. K., jt. author. *See* ROY, A. C.
SETHIA, K. K., jt. author. *See* CRAWFORD, R. A.
SEVERN, A., jt. author. *See* HEATON, N. D.
SHAH, I., jt. author. *See* SHARMA, R. N.
SHAH, P. J. R. and HOLDER, P. D. Comparison of Stamey and Pereyra-Raz bladder neck suspensions, 481
SHARMA, D. K., PANDEY, A. P., NATH, V. and GOPALAKRISHNAN, G. Allograft nephrectomy—a 16-year experience, 122
SHARMA, P., jt. author. *See* SHARMA, R. N.
SHARMA, R. N., SHAH, I., GUPTA, S., SHARMA, P. and BEIGH, A. A. Thermogravimetric analysis of urinary stones, 564
SHERWOOD, T., jt. author. *See* HANBURY, D. C.
SHUTTLEWORTH, K. E. D., jt. author. *See* MONTGOMERY, B. S. I.
SIDHU, H., VAIDYANATHAN, S., WANGOO, D., THIND, S. K., NATH, R., MALAKONDAIAH, G. C. and KRISHNAN, K. The loss of circadian rhythmicity of urinary solute excretion in idiopathic stone formers, 333
SMART, J. G., jt. author. *See* LONDON, N. J. M.
SMIDA, M. L., jt. author. *See* MHIRI, M. N.
SMITH, C. E. T., jt. author. *See* NEILSON, D.
SMITH, D. B., NEWLANDS, E. S., RUSTIN, G. J. S., BEGENT, R. H. J. and BAGSHAWE, D. Lumbar pain in stage 1 testicular germ cell tumours: a symptom preceding radiological abnormality, 302
SMITH, J. M., jt. author. *See* GRACE, P. A.
SMITH, P. J. B., jt. author. *See* GILLESPIE, W. A.
SMITH, P. J. B., jt. author. *See* LAI, T.
SMITH, P. J. B., jt. author. *See* WORSEY, J.
SMITH, P. J. B., jt. author. *See* WYATT, M. G.
SOGANI, P., jt. author. *See* SCHER, H.
SOMMERKAMP, H., jt. author. *See* STIEF, C. G.
SONODA, T., jt. author. *See* YOSHIOKA, T.
SOOD, S., jt. author. *See* KAPUR, M. M.
SÖZER, I. T., KAMBEROĞLU, H. and YÜCEBAS, E. Polyorchidism, bilateral double testis and unilateral testicular torsion (case report), 546
SPEAKMAN, M. J., jt. author. *See* DIXON, J. S.
STENWIG, A. E., jt. author. *See* FOSSÅ, S. D.
STERNBERG, C., jt. author. *See* SCHER, H.
STEYN, J., jt. author. *See* O'FLYNN, K.
STEYN, J. H., jt. author. *See* MCCLINTON, S.
STIEF, C. G., WETTERAUER, U. and SOMMERKAMP, H. Intra-individual comparative study of dynamic and pharmaco-cavernography, 93
STONE, A. R., jt. author. *See* WOLACH, M. D.
STOTT, M., jt. author. *See* WORSEY, J.

STOWER, M. J., WYATT, M. G. and JEANS, W. D. Arteriocaliceal fistula controlled by trans-catheter occlusion (point of technique), 436
STOWER, M. J., jt. author. *See* WYATT, M. G.
STRUYVEN, J., jt. author. *See* WESPES, E.
STYLES, R. A., jt. author. *See* WEBB, R. J.
SUTHERST, J., jt. author. *See* RICHMOND, D. H.
SUTHERST, J. R., jt. author. *See* HAYLEN, B. T.
SUTHERST, J. R., jt. author. *See* WILSON, P. D.
SYMES, M. O., jt. author. *See* LAI, T.

T

TALATI, J., jt. author. *See* KHAN, A.
TAN, H. L., jt. author. *See* DEWAN, P. A.
TANAGHO, E. A., jt. author. *See* ABOSEIF, S. R.
TANAGHO, E. A., jt. author. *See* JÜNEMANN, K.-P.
TANYEL, F. C., AYHAN, A., BÜYÜKPAMUKÇU, N. and HIÇSÖNMEZ, A. The fate of testes following unilateral incarcerated inguinal hernia in adult rats, 176
TAYLOR, W. A. S., jt. author. *See* WISHART, G. C.
TAYLOR-ROBINSON, D., jt. author. *See* DOBLE, A.
TEENAN, R. P., RAMSAY, A. and DEANE, R. F. Percutaneous nephrostomy in the management of malignant ureteric obstruction, 238
TEN KATE, J. W., jt. author. *See* LOCK, M. T. W. T.
TEPPO, L., jt. author. *See* HALME, A.
THIND, S. K., jt. author. *See* SIDHU, H.
THIRY, A. J., jt. author. *See* DELTENRE, P. F.
THOMAS, B. J., jt. author. *See* DOBLE, A.
THOMPSON, P., jt. author. *See* HEATON, N. D.
THOMSON, K., jt. author. *See* MCNICHOLAS, T. A.
TOLLEY, D. A. Primary endoscopic surgery for ureteric stones, 130
TOLLEY, D. A., jt. author. *See* NEERHUT, G. J.
TOMOYOSHI, T., jt. author. *See* PAK, K.
TORRANCE, H. B., jt. author. *See* DURRANS, D.
TRESALTI, E., jt. author. *See* CAUDA, R.
TUDOR, J., jt. author. *See* HANBURY, D. C.
TURKI, L., jt. author. *See* MHIRI, M. N.
TURNER, A. G., jt. author. *See* ISGAR, B.
TYRRELL, C. J., jt. author. *See* WYATT, M. G.

U

UPSDELL, S. M. Supernumerary kidney (case report), 650
UTSUNOMIYA, M., jt. author. *See* YOSHIOKA, T.

V

VAIDYANATHAN, S., jt. author. *See* SIDHU, H.
VALE, J. A., jt. author. *See* RAMSAY, J. W. A.
VAN DER VIS-MELSEN, M. J. E., BAERT, R. J. M., RAJNHERC, J. R., GROEN, J. M., BEMELMANS, L. M. M. J. and DE NEF, J. J. E. M.de. Scintigraphic assessment of lower urinary tract function in children with and without outflow tract obstruction, 263
VAN KERREBROECK, P. E. V. A., jt. author. *See* KIL, P. J. M.
VANDENBOSCH, G., jt. author. *See* WESPES, E.
VAUGHAN, E. D., jt. author. *See* SCHER, H.
VAUGHTON, K. C., jt. author. *See* POWELL, C. S.
VLAHOS, L., jt. author. *See* KARABEKIOS, S.
VRIES, J. D. M.de, jt. author. *See* KIL, P. J. M.

W

WALKER, M. M., jt. author. *See* DOBLE, A.
WALKER, M. M., jt. author. *See* WITHEROW, R. O'N.
WALLACE, D. M. A., jt. author. *See* KONDRATOWICZ, G. M.
WANGOO, D., jt. author. *See* SIDHU, H.
WARD, J. P., jt. author. *See* WAYMONT, B.
WATKIN, E. M., jt. author. *See* LONDON, N. J. M.
WATSON, P. S., jt. author. *See* SCOTT, R. A.
WATSON, R., jt. author. *See* SCHER, H.
WAYMONT, B., WARD, J. P. and PERRY, K. C. Long-term assessment of 107 patients undergoing bladder neck incision, 280
WEBB, R. J., STYLES, R. A., GRIFFITHS, C. J., RAMSDEN, P. D. and NEAL, D. E. Ambulatory monitoring of bladder pressures in patients with low compliance as a result of neurogenic bladder dysfunction, 150
WESPES, E., CORBUSIER, A., DELCOUR, C., VANDENBOSCH, G., STRUYVEN, J. and SCHULMAN, C. C. Deep dorsal vein arterialisation in vascular impotence, 535
WEST, C. R., jt. author. *See* HAYLEN, B. T.
WESTBURY, E. J. A chemist's view of the history of urinary stone analysis (review), 445
WETTERAUER, U., jt. author. *See* STIEF, C. G.
WHITAKER, R. H., jt. author. *See* HANBURY, D. C.
WHITFIELD, H. N., jt. author. *See* RAMSAY, J. W. A.
WHITMORE, W., jt. author. *See* SCHER, H.
WIDDISON, A. D. and FENELEY, R. C. L. Liposarcoma of the bladder (case report), 655
WILKINS, E. G. L., PAYNE, S. R., PEAD, P. J., MOSS, S. T. and MASKELL, R. M. Interstitial cystitis and the urethral syndrome: a possible answer, 39
WILLIAMS, G., jt. author. *See* GILL, K. P.
WILLIAMS, G., jt. author. *See* KIELY, E. A.
WILSON, P. D., MASON, M. V., HERBISON, G. P. and SUTHERST, J. R. Evaluation of the home pad test for quantifying incontinence, 155
WILSON, T. S., jt. author. *See* MURPHY, P. G.
WISHART, G. C., TAYLOR, W. A. S. and ORR, G. The control of incontinence in spina bifida (point of technique), 204
WITHEROW, R. O'N., GILLESPIE, L., MCMULLEN, L., GOLDIN, R. D. and WALKER, M. M. Painful bladder syndrome—a clinical and immunopathological study, 158
WITHEROW, R. O'N., jt. author. *See* DOBLE, A.
WITHEROW, R. O'N., jt. author. *See* KELLEHER, J. P.
WOLACH, M. D., MACDERMOTT, J. P., STONE, A. R. and DE VERE WHITE, R. W. Treatment and complications of Fournier's gangrene, 310
WONG, K. K., jt. author. *See* YIP, A.
WOODHOUSE, C. R. J., jt. author. *See* GILL, H. S.
WOODHOUSE, C. R. J., jt. author. *See* MASTERS, J. R. W.
WOODHOUSE, K., jt. author. *See* ELLIOTT, T. S. J.
WORSEY, J., GOBLE, N. M., STOTT, M. and SMITH, P. J. B. Bladder outflow obstruction secondary to intravenous amphetamine abuse (case report), 320
WRAIGHT, E. P., jt. author. *See* HANBURY, D. C.
WRIGHT, E., jt. author. *See* LUCAS, S. B.
WUJANTO, R., jt. author. *See* DURRANS, D.
WYATT, M. G., CLARKE, T. J., TYRRELL, C. J. and HAMMONDS, J. C. Cystic prostatic carcinoma (case report), 430
WYATT, M. G., STOWER, M. J., SMITH, P. J. B. and ROBERTS, J. B. M. Prostatectomy in the over 80-year-old, 417
WYATT, M. G., jt. author. *See* STOWER, M. J.

Y

YACHIA, D. Acquired ventral penile curvature: spongiofibrosis caused by urethral manipulation, 629

YACHIA, D. Submeatal injection of polytetrafluoroethylene paste for the endoscopic treatment of vesicoureteric reflux in adults (point of technique), 552
YACHIA, D., LASK, D. and FRIEDMAN, M. Transrectal prostatic biopsy in genucubital position (point of technique), 436
YAGODA, A., jt. author. *See* SCHER, H.
YATES-BELL, A. J., jt. author. *See* HEATON, N. D.
YIP, A., LAU, W. Y. and WONG, K. K. Tension pneumoperitoneum: an unusual urological cause (case report), 199
YOSHIDA, O., jt. author. *See* MATSUDA, T.
YOSHIOKA, T., KOIDE, T., UTSUNOMIYA, M., ITATANI, H., OKA, T. and SONODA, T. Possible role of Tamm-Horsfall glycoprotein in calcium oxalate crystallisation, 463
YÜCEBAS, E., jt. author. *See* SOZER, I. T.

Z

ZWIERS, W., jt. author. *See* KIL, P. J. M.

SUBJECT INDEX

A

Adenocarcinoma
  prostatic, with endometrioid features treated with oestrogen (case report), 317
  urinary bladder, 138
Adenoma, nephrogenic caliceal (case report), 99
Adriamycin *see* M-VAC
AIDS presenting as cytomegalovirus cystitis (case report), 429
Allopurinol, failure to modify urinary composition in enteric hyperoxaluria, 231
Amphetamine, intravenous abuse, bladder outflow obstruction secondary to (case report), 320
Antibiotic therapy in transurethral prostatectomy, 61
Aortic graft surgery, urethral stricture following, 162
Arteriocaliceal fistulae controlled by trans-catheter occlusion (point of technique), 436
Arteriography, for staging renal carcinoma, 209
Azoospermia, surgical treatment, prognostic factors, 69

B

Balloon dilatation
  endoballoon rupture and stenting for pelviureteric junction obstruction, 572
  in treatment of bladder outflow tract obstruction and urinary retention from benign prostatic hypertrophy, 618
BCG, intravesical, pyelonephritis following (case report), 649
Bile acid malabsorption, complication of conduit surgery, 485
Bilharziasis
  ureteric strictures, evaluation of surgical procedures, 134
  urinary, radiological changes and circulating immune responses in, 227
Bladder
  cancer/carcinoma
    adenocarcinoma, 138
    diffuse *in situ*, treatment with repeated courses of intravesical therapy, 143
    Enugu, Nigeria, 399
    G3pT1, fate of, 608
    invasive, neo-adjuvant chemotherapy using M-VAC regimen, 250
    leucocytes infiltrating, flow cytometry analysis according to grade and urothelial cell DNA content, 245
    liposarcoma (case report), 655
    metastasis, unusual (case report), 198
    pararenal pseudocyst secondary to (case report), 197
    presentation with pyrexia (case report), 548
    presenting as urine retention due to multiple urethral calculi (case report), 316
    pT1, DNA ploidy and prognosis, 403
    pT1 G3 tumour, 109
    recurrent, detection by transrectal and abdominal ultrasound compared with cystoscopy, 409
    schistosomal, paraneoplastic hypercalcaemia in association with (case report), 550
    small bowel lymphoma (case report), 430
    transitional cell, BS tumour marker and urine cytology in diagnosis and follow-up, 257
    transitional cell, combination of ABH reactivity and DNA ploidy in prognosis, 49
    transitional cell, phase II study of carboplatin, 604
    transurethral resection of tumour without withdrawal of warfarin therapy, 623
  catheters, biofilms and bacteria, 395
  cortical evoked potentials, 381
  emptying, assessment of effectiveness of different urinary catheters, 353
  enlarged, obstruction of vena cava secondary to (case report), 102
  exstrophy closure, anterior pelvic osteotomy and, 641
  function, effects of simple hysterectomy, 594
  irrigation
    staff safety and (point of technique), 657
    urothelial damage in, 391
  neck
    asymptomatic incompetence in nulliparous females, 357
    comparison of Stamey and Pereyra-Raz suspensions, 481
    incision, long-term assessment of 107 patients, 280
    suspension by Gittes "no-incision" technique, 590
  neurogenic dysfunction and low compliance, ambulatory monitoring of pressures in, 150
  outflow obstruction
    detrusor contractility, stop-flow measurement, 363
    secondary to intravenous amphetamine abuse (case report), 320
    treatment by balloon dilatation, 618
  overactive
    neurogenic, classification based on urodynamics, 368
    uninhibited, treatment by external and direct pudendal nerve maximal elecrical stimulation, 374
  painful bladder syndrome, 158
  placenta percreta in, 283
  pressure monitoring in patients with low compliance and neurogenic bladder dysfunction, 150
  reconstruction with bowel, use of artificial urinary sphincter in, 56
  volumes, measurement by transvaginal ultrasound, 347, 350, 353
Blood group (ABH), antigen reactivity and DNA ploidy as prognostic factor in transitional cell carcinoma of urinary bladder, 49
BOOK REVIEWS
  HUFFMAN, J. L., BAGLEY, D. H. and LYON, E. S. Uteroscopy, 1988, 444
  MILLARD, R. J. Overcoming Urinary Incontinence. A Simple Self-help Guide, 1987, 444
  ROSE, G. A., ed. Oxalate Metabolism in Relation to Urinary Stone, 1988, 444
Bowel, placement of artificial urinary sphincter around, when used in bladder reconstruction, 56
Bromocriptine-associated retroperitoneal fibrosis presenting with testicular retraction (case report), 318
Bromodeoxyuridine labelled cells in estimation of S phase fraction in transitional cell carcinoma of renal pelvis and ureter, 339

C

Caecal reservoir for urine, absorption of drugs from, 412
Calcium oxalate crystals in urine
  risk factors as revealed by specific enzymatic assay, 451
  role of Tamm-Horsfall glycoprotein, 463

Calcium phosphate crystalluria, influence of pH and osmolality and invariable presence of oxalate, 458
Calculi *see* Stones
Carboplatin in treatment of transitional cell carcinoma of urinary bladder, phase II study, 604
Carcinoma *see sites of carcinoma*
Catheters
  bladder, biofilms and bacteria, 395
  knots in (case report), 198
  suprapubic, difficulty in removing (point of technique), 105
  urinary
    assessing effectiveness in emptying bladder, 353
    selective colonisation (case report), 432
Cavernogaphy, comparison of dynamic and pharmacocavernography, 93
Cavernometry, in diagnosis of venogenic impotence, 420
Cervix, uterine, carcinoma, spontaneous extravasation of urine and urinoma secondary to (case report), 100
Chondroitin sulphate, inhibitory effect in calcium oxalate urolithiasis, 235
Cisplatin *see* M-VAC
Citrate, inhibitory effect in calcium oxalate urolithiasis, 235
Computed tomography
  dynamic, for staging renal carcinoma, 209
  for staging renal carcinoma, 209
Cyptorchidism, testicular germ cell tumours in, 78
Cystitis
  cytomegalovirus, as presentation of AIDS (case report), 429
  interstitial, and urethral syndrome, 39
Cystoplasty, malignant potential, 489
Cysts
  hydatid *see* Hydatid cysts
  pararenal pseudocyst secondary to bladder tumour (case report), 197
  prostatic carcinoma and (case report), 430
  seminal vesicles (case report), 428
Cytology, postal urine, 579
Cytomegalovirus cystitis as presentation of AIDS (case report), 429

D

Deep dorsal vein arterialisation in vascular impotence, 535
Detrusor muscle
  contractility in bladder outflow obstruction, stop-flow measurement, 363
  pressure and urinary flow rate in males with intraurethral prostatic spiral, 275
  sequential morphological changes in response to chronic partial urethral obstruction, 385
Diuresis, post-obstructive, assessment of nephron segments using lithium clearance, 559
DNA ploidy
  combined with ABH reactivity as prognostic factor in transitional cell carcinoma of urinary bladder, 49
  and prognosis of stage pT1 bladder cancer, 403
Dorsal vein, deep *see* Deep dorsal vein
Drug absorption from continent caecal reservoir from urine, 412
Dysuria, microbiology, 270

E

Electrical stimulation, maximal, in treatment of uninhibited overactive bladder, 374
Electromyography, urethral sphincter, in differential diagnosis of parkinsonism, 360
Endoballoon rupture and stenting for pelviureteric junction obstruction: technique and early results, 572
Enteric hyperoxaluria (EHO), failure of allopurinol to modify urinary composition, 231
Enuresis, nocturnal, treatment with subcutaneous vasopressin (case report), 652
Epididymo-orchitis, tuberculous, 305
Erection
  dysfunction
    dynamic and pharmacocavernography, 93
    penile venous drainage in, 183
  neurophysiological aspects, role of sympathetic nervous system, 84
  pharmacological management during transurethral surgery (point of technique), 435
  prostaglandin 15-hydroxydehydrogenase and, 180
  see also Priapism
Erythrocytes, urinary, measurement in identification of source of haematuria, 45
Evoked potentials, cortical, urinary bladder, 381
Extracorporeal piezoelectric lithotripsy, for renal stones, 5
Extracorporeal shockwave lithotripsy
  does it cause hypertension?, 567
  with Lithostar lithotriptor, 117
  monotherapy for large renal calculi, 329
  using ultrasonic imaging, 1

F

Fertility
  after orchiopexy for cryptorchidism, 516
  see also Infertility
Fibrosis, retroperitoneal *see* Retroperitoneal fibrosis
Fistulae
  nephro-broncho-cutaneous (case report), 652
  ureterorectal (case report), 319
Flushing, induction by thermogenic stimuli, 507
Foreskin, spontaneous perforation in Sweet's Syndrome (case report), 101
Fournier's gangrene, treatment and complications, 310
Fraley's syndrome (case report), 195

G

Gangrene, Fournier's, 310
Gittes "no-incision" pubovaginal suspension for stress urinary incontinence, 590
Glycine irrigation and urinary oxalate excretion, 287
Gonadotrophin, human chorionic *see* Human chorionic gonadotrophin

H

Haematoma, scrotal, treatment with medicinal leeches (case report), 549
Haematuria
  identification of source by measurement of red cell volume, 45
  secondary to idiopathic renal vein varices (case report), 101
  see also Loin pain/haematuria syndrome
Haemodialysis, long-term, tuberculosis and (case report), 433
Hernia
  congenital diaphragmatic, pelviureteric junction obstruction secondary to renal pelvic incarceration in (case report), 548
  unilateral incarcerated inguinal, effects on testes, 176

Histamine, effect on vas deferens *in vitro*, 423
HIV infection and bladder irrigation, staff safety (point of technique), 657
Beta-Human chorionic gonadotrophin in serum and urine as marker for metastatic urothelial cancer, 241
Hydatid cysts of urinary tract, computed tomography of, 575
Hydrocele of tunica vaginalis testis, sclerotherapy with tetracycline (point of technique), 322
Hydronephrosis
  antenatal, management, 221
  intermittent, relationship with megacalicosis, 125
Hypercalcaemia, paraneoplastic, in association with schistosomal bladder cancer (case report), 550
Hyperoxaluria, enteric *see* Enteric hyperoxaluria
Hypertension
  following extracorporeal shockwave lithotripsy, 567
  renovascular, associated with narrowing of infrarenal aorta (case report), 98
Hypogastric plexus stimulators for obtaining semen from paraplegics, 72
Hypospadias repair, MAGPI technique, 169
Hysterectomy, effects on vesicourethral function, 594

I

Ileal conduit, bile acid malabsorption complicating, 485
Iliac artery aneurysm, leaking, as cause of bilateral ureteric obstruction and oliguria (case report), 431
Impotence
  vascular, deep dorsal vein arterialisation, 535
  venogenic, diagnosis by cavernometry, 420
Incontinence
  control in spina bifida (point of technique), 204
  female
    quantifying, using home pad test, 155
    stress, Gittes "no-incision" pubovaginal suspension, 590
    stress, is investigation really necessary?, 147
    stress, treatment by Burch colposuspension or sling, prospective study using transrectal ultrasound, 582
    urgency, is treatment a placebo response?, 478
  transrectal ultrasound scanning
    effect on urodynamic parameters, 600
    in selection of surgical procedure, 582
Infertility
  male, testicular size and relationship to semen characteristics and hormonal blood levels, 632
  see also Fertility
Interferon, with and without vinblastine, in treatment of metastatic renal carcinoma, 468
Interferon gamma, cyclic, in treatment of metastatic renal carcinoma, 218

K

Kidneys
  carcinoma
    with adjacent retroperitoneal fibrosis (case report), 651
    metastatic, cyclic interferon gamma treatment, 218
    metastatic, penile plaque presentation (case report), 28
    metastatic, recombinant interferon-alpha with or without vinblastine, 468
    presenting as large staghorn stone (case report), 103
    staging, comparison of conventional CT, dynamic CT, ultrasonography and arteriography, 209
    testing chemosensitivity *in vitro*, 25
  denervation with releasing renal capsule incision in loin pain/hematuria syndrome (point of technique), 203
  nephrogenic caliceal adenoma (case report), 99
  pararenal pseudocyst secondary to bladder tumour (case report), 197
  relief of vascular obstruction of superior infundibulum, technique (case report), 195
  renovascular hypertension associated with narrowing of infrarenal aorta (case report), 98
  stones *see* Stones, kidney
  supernumerary (case report), 650
  transplants, failed, removal of, 122
  traumatic injury, diagnosis and treatment, 13

L

Leeches, in treatment of scrotal haematoma (case report), 549
Leucocytes infiltrating bladder tumours, flow cytometry analysis according to grade and urothelial cell DNA content, 245
Liposarcoma of bladder (case report), 655
Lithium clearance technique in assessment of nephron segments involved in post-obstructive diuresis, 559
Lithotripsy *see* Extracorporeal piezoelectric lithotripsy; Extracorporeal shockwave lithotripsy
Loin pain/haematuria syndrome, renal denervation with releasing renal capsule incision (point of technique), 203
Lumbar pain in stage 1 testicular germ cell tumours, 302
Lymphoma, small bowel, invading bladder (case report), 430

M

M-VAC (methotrexate, vinblastine, adriamycin and cisplatin) in treatment of bladder cancer, 250
Magnesium, inhibitory effect in calcium oxalate urolithiasis, 235
MAGPI *see* Meatal advancement and glanuloplasty
Maximal electrical stimulation in treatment of uninhibited overactive bladder, 374
Meatal advancement and glanuloplasty (MAGPI), failed, management and prevention, 169
Megacalicosis, relationship with intermittent hydronephrosis, 125
Methotrexate, vinblastine, adriamycin and cisplatin (M-VAC) in treatment of bladder cancer, 250
Micturition frequency, microbiology, 270
Myiasis, urogenital, caused by scuttle fly larvae (case report), 547

N

Nephrectomy, allograft, 122
Nephro-broncho-cutaneous fistula (case report), 652
Nephron segments in post-obstructive diuresis, assessment using lithium clearance, 559
Nephrostomy, percutaneous, in management of malignant ureteric obstruction, 238

O

Oestrogen
  dosage in prostatic cancer, 290
  in treatment of prostatic adenocarcinoma (case report), 317
  urinary excretion in benign prostatic hyperplasia and prosatic cancer, 172
Oliguria, caused by leaking iliac artery aneurysm (case report), 431

Orchiopexy, fertility after, 516
Oxalate, urinary excretion, glycine irrigation and, 287

P
Paraplegics, obtaining semen using hypogastric plexus stimulators, 72
Parkinsonism, urethral sphincter electromyography in differential diagnosis, 360
Pelvis, anterior osteotomy facilitating primary bladder exstrophy closure, 641
Pelviureteric junction obstruction
  endoballoon rupture and stenting, 572
  secondary to renal pelvic incarceration in congenital diaphragmatic hernia (case report), 548
Penis
  acquired ventral curvature: spongiofibrosis caused by urethral manipulation, 629
  activity of prostaglandin 15-hydroxydehydrogenase in corpora cavernosa and significance in erection, 180
  intermittent painful swelling (case report), 316
  plaque, as presentation of metastatic renal carcinoma (case report), 428
  response to intracavernosal vasoactive intestinal polypeptide, 191
  spontaneous perforation of foreskin in Sweet's Syndrome (case report), 101
  venous drainage in erectile dysfunction, 183
Pereyra-Raz bladder neck suspension, comparison with Stamey technique, 481
Phenylephrine, continuous infusion, in treatment of papaverine-induced priapism (case report), 654
Phoridae larvae as cause of urogenital myiasis (case report), 547
Placenta percreta invading urinary bladder, 283
Pneumoperitoneum, tension, urological cause (case report), 199
Pollen extract in treatment of chronic prostatitis and prostatodynia, 496
Polyorchidism (case report), 546
Polypeptides, vasoactive intestinal *see* Vasoactive intestinal poypeptide
Polytetrafluoroethylene paste, submeatal injection for endoscopic treatment of vesicoureteric reflux in adults (point of technique), 552
Priapism
  in childhood, 541
  papaverine-induced, treatment by continuous infusion of phenylephrine (case report), 654
Proctalgia fugax, seminal vesicle cystic dilatation masquerading as (case report), 428
Prostaglandin 15-hydroxydehydrogenase activity in penile corpora cavernosa and significance in penile erection, 180
Prostate
  benign hypertrophy, treatment of urinary retention by balloon dilatation, 618
  cancer/carcinoma
    adenocarcinoma with endometrioid features treated with oestrogen (case report), 317
    cystic (case report), 430
    localised, management of, 66
    oestrogen dosage in, 290
    prostate specific antigen as screening test for, 504
    testicular metastases (case report), 315
    urinary oestrogen excretion in, 172
  hyperplasia, urinary oestrogen excretion in, 172
  intraurethral prostatic spiral, 275
  structure and per-rectal ultrasonography of disease using cadaver specimens, 611
  transrectal biopsy in genucubital position (point of technique), 436
  transurethral resection, without withdrawal of warfarin therapy, 623
  volume measurement using per-rectal ultrasound, 493
Prostate specific antigen, as screening test for prostatic ancer, 504
Prostatectomy
  in over-80-year-old, 417
  total, early post-operative morbidity, 511
  transurethral
    acid phosphatase levels in serum during, 500
    antibiotic therapy, 61
Prostatic acid phosphatase levels in serum during transurethral prostatectomy, 500
Prostatitis
  chronic, treatment with pollen extract, 496
  chronic abacterial, search for infectious agents, 297
Prostatodynia, treatment with pollen extract, 496
Pseudocyst, pararenal, secondary to bladder tumour (case report), 197
Pudendal nerve maximal electrical stimulation in treatment of uninhibited overactive bladder, 374
Pyelonephritis
  BCG, following intravesical BCG (case report), 649
  xanthogranulomatous, 336
Pyrophosphate, inhibitory effect in calcium oxalate urolithiasis, 235

R
Renal pelvis
  squamous cell carcinoma, association with calculi (case report), 201
  transitional cell carcinoma, S phase fraction, 339
Renal vein
  post-partum thrombosis, diagnosis and treatment (case report), 653
  varices, haematuria secondary to (case report), 101
Retroperitoneal fibrosis
  associated with renal carcinoma (case report), 651
  with testicular retraction, bromocriptine-associated (case report), 318

S
S phase fraction, estimations in transitional cell carcinoma of renal pelvis and ureter with bromodeoxyuridine labelling, 339
Schistosomiasis *see* Bilharziasis
Scrotum, haematoma, treatment with medicinal leeches (case report), 549
Scuttle fly larvae as cause of urogenital myiasis (case report), 547
Semen
  characteristics in infertility and relationship to testicular size and hormonal blood levels, 632
  obtaining from paraplegics using hypogastric plexus stimulators, 72
  pre-treatment cryopreservation in patients with testicular cancer, 524
Seminal vesicles, cystic dilatation masquerading as proctalgia fugax (case report), 428
Seminoma, advanced, chemotherapy, 530

Sperm, density measurment, 521
Spina bifida, incontinence control (point of technique), 204
Spiral, intraurethral prostatic, 275
Spongiofibrosis caused by urethral manipulation, and resultant ventral penile curvature, 629
Staff safety, bladder irrigation, (point of technique), 657
Stamey bladder neck suspension, comparison with Pereyra-Raz technique, 481
Stents, ureteric double-J, crystal formation on (case report), 195
Stones
  calcium oxalate, inhibitory effect of pyrophosphate, citrate, magnesium and chondroitin sulphate, 235
  kidney
    association with squamous cell carcinoma of renal pelvis (case report), 201
    extracorporeal piezoelectric lithotripsy, 5
    large, extracorporeal shockwave lithotripsy monotherapy, 329
  loss of circadian rhythmicity of urinary solute excretion in idiopathic stone formers, 333
  ureteric, primary endoscopic surgery for, 130
  urethral
    causing acute retention, a presentation of bladder tumour (case report), 316
    expulsion following intermittent closure of suprapubic catheter (point of technique), 322
    giant (case report), 550
  urinary tract
    history, chemist's view (review), 445
    inhibitory effect of pyrophosphate, citrate, magnesium and chondroitin sulphate on calcium oxalate stones, 235
    thermogravimetric analysis, 564
    and vesicoureteric reflux in children, 10
Sweet's Syndrome, spontaneous perforation of foreskin in (case report), 101
Sympathetic nervous system, role in penile erection, 84

T

Tamm-Horsfall glycoprotein, role in calcium oxalate crystallisation, 463
Testes
  cancer
    germ cell tumours in cryptorchidism, 78
    metastases from prostatic carcinoma (case report), 315
    pre-treatment cryopreservation of semen, 524
    stage 1 germ cell tumours, lumbar pain in, 302
  effects of unilateral incarcerated inguinal hernia on, 176
  hydrocele of tunica vaginalis, sclerotherapy with tetracycline (point of technique), 322
  nodular peri-orchitis (case report), 546
  non-descensus, inter-observer variants in assessment: analysis of kappa statistics, 644
  polyorchidism (case report), 546
  retraction in bromocriptine-associated retroperitoneal fibrosis (case report), 318
  size in infertile men: relationship to semen characteristics and hormonal blood level, 632
  undescended, fertility after orchiopexy, 516
Tetracycline in treatment of hydrocele of tunica vaginalis testis (point of technique), 322
Thermogravimetric analysis of urinary stones, 564
Transuretero-ureterostomy left to right and right to left in same patient (point of technique), 323
Trigonitis, pseudomembranous, fine structure of, 472
Tuberculosis, long-term haemodialysis and (case report), 433
Tuberculous epididymo-orchitis, 305
Tumours *see specific sites and types of tumour*
Tunica vaginalis testis, hydrocele of, sclerotherapy with tetracycline (point of technique), 322

U

Ultrasound
  in extracorporeal shockwave lithotripsy, 1
  in investigation of childhood urinary tract infection, 638
  per-rectal
    prostatic disease, using cadaver specimens, 611
    in volume measurement of prostate, 493
  in search for infectious agents in chronic abacterial prostatitis, 297
  for staging renal carcinoma, 209
  transrectal
    in investigation of urinary incontinence, effect on urodynamic parameters, 600
    in selection of operative procedure for stress incontinence, 582
  transrectal and abdominal, in detection of recurrent bladder tumours, 409
  transvaginal
    in assessing effectiveness of different urinary catheters in emptying bladder, 353
    in measurement of bladder volumes, accuracy and range, 350
    in measurement of residual urine volumes in normal females, 347
Urachal remnant, unusual presentation (case report), 315
Ureter
  bilharzial strictures, evaluation of surgical procedures, 134
  double-J stents, crystal formation on (case report), 195
  duplex, in Burnley, Pendle and Rossendale, 345
  malignant obstruction, percutaneous nephrostomy in management of, 238
  obstruction, bilateral, caused by leaking iliac artery aneurysm (case report), 431
  stones *see* Stones, ureteric
  transitional cell carcinoma, S phase fraction, 339
  transuretero-ureterostomy left to right and right to left in same patient (point of technique), 323
  urethroscopic removal of retained "T" tube fragment (point of technique), 105
Ureterorectal fistula (case report), 319
Urethra
  acute injuries, initial management, 165
  intraurethral prostatic spiral, 275
  late presentation of congenital posterior valves (case report), 98
  partial obstruction, sequential morphological changes in detrusor, 385
  sphincter
    electromyography in differential diagnosis of parkinsonism, 360
    strictures, treatment, 626
  squamous intra-epithelial neoplasia presenting as caruncle (case report), 200
  stones *see* Stones, urethral
  strictures, following aortic graft surgery, 162
Urethral manipulation syndrome, 629
Urethral syndrome
  and interstitial cystitis, 39
  microbiology, 270

Urinary tract
antenatal dilatation, maps for diagnosis and management, 221
artificial sphincters
AMS 800, factors determining outcome, 586
in treatment of sphincter strictures, 626
use around bowel used in bladder reconstruction, 56
bilharziasis, radiological changes and circulating immune responses in, 227
infection, children, ultrasound and plain x-ray screening, 638
lower, scintigraphic assessment of function in children with and without outflow tract obstruction, 263
outflow obstruction, lower urinary tract function in, 263
stones *see* Stones, urinary tract
upper
temporary diversion using detachable occlusion balloon and percutaneous nephrostomy (point of technique), 657
urothelial tumours, 18
Urine
calcium oxalate crystals
risk factors as revealed by specific enzymatic assay, 451
role of Tamm-Horsfall glycoprotein, 463
calcium phosphate crystals, influence of pH and osmolality and invariable presence of oxalate, 458
continent caecal reservoir, absorption of drugs from, 412
in enteric hyperoxaluria, failure of allopurinol to modify composition, 231
erythrocytes, measurement in identification of source of haematuria, 45
flow rates, 30
postal cytology, 579
residual volumes in normal females, measurement by transvaginal ultrasound, 347
retention
due to multiple urethral calculi, bladder tumour presenting as (case report), 316
from benign prostatic hypertrophy, treatment by balloon dilatation, 618
solute excretion in idiopathic stone formers, loss of circadian rhythmicity, 333
spontaneous extravasation secondary to cervical carcinoma (case report), 100
see also Micturition
Urinoma, secondary to cervical carcinoma (case report), 100
Urodynamic measurements in urinary incontinence, effect of transrectal ultrasound on, 600
Urodynamics in classification of neurogenic overactive bladder, 368
Urothelial tumours, upper urinary tract, 20
Urothelium, metastatic cancer, beta human chorionic gonadotrophin as marker for, 241

V

Vas deferens, effect of histamine on, 423
Vasoactive intestinal polypeptide (VIP), intracavernosal, penile response to, 191
Vasopressin, subcutaneous, in treatment of nocturnal enuresis (case report), 652
Vena cava, inferior, obstruction secondary to enlarged bladder (case report), 102
Vesicoureteric reflux
endoscopic treatment by submeatal injection of polytetrafluoroethylene paste (point of technique), 552
and urinary calculi, in children, 10
Vinblastine *see* M-VAC

W

Warfarin therapy, transurethral resection of prostate and bladder tumour without withdrawal of, 623

X

X-rays, in investigation of childhood urinary tract infection, 638
Xanthogranulomatous pyelonephritis, 336

BRITISH JOURNAL OF UROLOGY

Journal of the British Association of Urological Surgeons

Editor
*G. D. CHISHOLM

Honorary Treasurer
*J. H. STEYN

Assistant Editors
*C. A. C. CHARLTON
R. J. MILLARD
*J. E. NEWSAM
*R. H. WHITAKER

Consulting Editor
*W. KEITH YEATES

Editorial Committee
Chairman J. L. WILLIAMS*

E. P. ARNOLD, Christchurch
M. HANDLEY ASHKEN, Norwich
M. BHANDARI, Lucknow
M. C. BISHOP, Nottingham
*N. J. BLACKLOCK, Manchester
*J. P. BLANDY, London
R. B. BROWN, Melbourne
A. W. BRUCE, Toronto
A. C. BUCK, Glasgow
M. H. DEVEREUX, London
D. J. DU PLESSIS, Pretoria
E. CHARLTON EDWARDS, Manchester
D. M. ESSENHIGH, Newcastle upon Tyne
J. M. FITZPATRICK, Dublin
J. C. GINGELL, Bristol
J. A. GOSLING, Hong Kong
*R. R. HALL, Newcastle upon Tyne
T. B. HARGREAVE, Edinburgh
W. F. HENDRY, London
J. A. KENNEDY, Belfast
A. R. MUNDY, London
W. B. PEELING, Newport
*J. P. PRYOR, London
A. RIZVI, Karachi
G. A. ROSE, London
T. SHERWOOD, Cambridge
R. T. TURNER-WARWICK, London
J. E. A. WICKHAM, London
C. R. J. WOODHOUSE, London
*P. H. L. WORTH, London

*Member of Executive Committee

Former Editors

H. P. WINSBURY-WHITE, 1929-1948
D. BAND, 1949-1966
J. D. FERGUSSON, 1967-1972
W. KEITH YEATES, 1973-1977

Churchill Livingstone

Copyright © 1989 British Association of Urological Surgeons. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the copyright owner, or a licence permitting restricted copying in the United Kingdom issued by the Copyright Licencing Agency Ltd., 33–34 Alfred Place, London WC1E 7DP.

Typeset, printed and bound in Great Britain by William Clowes Limited, Beccles and London

British Journal of Urology

Volume 64

Contents

Original Articles

Extracorporeal Shockwave Lithotripsy using Ultrasonic Imaging: Urologists' Experience
E. A. Kiely, P. C. Ryan, T. E. D. McDermott and M. R. Butler 1

Extraporporal Piezoelectric Lithotripsy for all Renal Stones: Effectiveness and Limitations
G. J. Neerhut, A. W. S. Ritchie and D. A. Tolley 5

Vesicoureteric Reflux and Urinary Calculi in Children
J. P. Roberts and J. D. Atwell 10

Diagnosis and Treatment of Patients with Renal Trauma
A. K. Leppäniemi, R. K. Haapiainen and T. A. Lehtonen 13

Urothelial Tumours of the Upper Urinary Tract
Z. Kirkali, L. E. F. Moffat, R. F. Deane, K. F. Kyle and A. G. Graham 18

Testing the Chemosensitivity of Renal Carcinoma *in vitro*
Teresa Lai, M. A. Ferro, A. V. Kaisary, P. J. B. Smith and M. O. Symes 25

Maximum and Average Urine Flow Rates in Normal Male and Female Populations—the Liverpool Nomograms
B. T. Haylen, Deborah Ashby, J. R. Sutherst, M. I. Frazer and C. R. West 30

Interstitial Cystitis and the Urethral Syndrome: a Possible Answer
E. G. L. Wilkins, S. R. Payne, P. J. Pead, S. T. Moss and Rosalind M. Maskell 39

Identification of the Source of Haematuria by Automated Measurement of Red Cell Volume
R. A. Banks, Sally Reynolds and D. Hanbury 45

Combination of Blood Group ABH Antigen Status and DNA Ploidy as Independent Prognostic Factor in Transitional Cell Carcinoma of the Urinary Bladder
P.-U. Malmström, B. J. Norlén, B. Andersson and C. Busch 49

Long-term Clinical Results using the Artificial Urinary Sphincter around Bowel
J. K. Light 56

Study of Appropriate Antibiotic Therapy in Transurethral Prostatectomy
E. A. Kiely, T. McCormack, M. T. Cafferkey, F. R. Falkiner and M. R. Butler 61

Management of Localised Prostatic Carcinoma
J. A. Inglis, J. W. Fowler and K. M. Grigor 66

Prognostic Factors in the Surgical Treatment of Azoospermia
M. M. Kapur, S. Sood, K. P. Kochar, S. Paul and S. V. S. Rao 69

Hypogastric Plexus Stimulators for Obtaining Semen from Paraplegic Men
G. S. Brindley, D. Sauerwein and W. F. Hendry 72

Morphology of Testicular Germ Cell Tumours in Treated and Untreated Cryptorchidism
A. Halme, P. Kellokumpu-Lehtinen, T. Lehtonen and L. Teppo 78

Neurophysiological Aspects of Penile Erection; the Role of the Sympathetic Nervous System
K.-P. Jünemann, Charlotta Persson-Jünemann, T. F. Lue, E. A. Tanagho and P. Alken 84

Intra-individual Comparative Study of Dynamic and Pharmacocavernography
C. G. Stief, U. Wetterauer and H. Sommerkamp 93

Extracorporeal Shock Wave Lithotripsy with the Lithostar Lithotriptor
P. A. Grace, P. Gillen, J. M. Smith and J. M. Fitzpatrick 117

Allograft Nephrectomy—a 16-year Experience
D. K. Sharma, A. P. Pandey, V. Nath and G. Gopalakrishnan 122

Relationship between Intermittent Hydronephrosis and Megacalicosis
P. H. O'Reilly 125

Primary Endoscopic Surgery for Ureteric Stones
D. A. Tolley 130

Evaluation of Surgical Procedures for Bilharzial Strictures of the Ureter
E. M. Awad, A. I. A. Ibrahim, A. A. Basheer and B. Fuda 134

Adenocarcinoma of the Urinary Bladder
H. S. Gill, H. K. Dhillon and C. R. J. Woodhouse 138

Conservative Treatment of Diffuse Carcinoma *in situ* of the Bladder with Repeated Courses of Intravesical Therapy
E. Mukamel and J. B. deKernion 143

Is the Investigation of Most Stress Incontinence Really Necessary?
B. T. Haylen, J. R. Sutherst and M. I. Frazer 147

Ambulatory Monitoring of Bladder Pressures in Patients with Low Compliance as a Result of Neurogenic Bladder Dysfunction
R. J. Webb, Rosemary A. Styles, C. J. Griffiths, P. D. Ramsden and D. E. Neal 150

Evaluation of the Home Pad Test for Quantifying Incontinence
P. D. Wilson, Muriel V. Mason, G. P. Herbison and J. R. Sutherst 155

Painful Bladder Syndrome—a Clinical and Immunopathological Study
R. O'N. Witherow, L. Gillespie, L. McMullen, R. D. Goldin and M. M. Walker 158

Urethral Stricture Following Aortic Graft Surgery
B. G. Ferrie, J. Groome and D. Kirk 162

Initial Management of Acute Urethral Injuries
P. H. C. Lim and H. C. Chng 165

The Failed MAGPI: Management and Prevention
M. M. Issa and J. P. Gearhart 169

Urinary Oestrogen Excretion in Benign Prostatic Hyperplasia and Prostatic Cancer
S. Rannikko, O. Adlercreutz and R. Haapiainen 172

The Fate of Testes Following Unilateral Incarcerated Inguinal Hernia in Adult Rats
F. C. Tanyel, A. Ayhan, N. Büyükpamukçu and A. Hiçsönmez 176

Prostaglandin 15-hydroxydehydrogenase Activity in Human Penile Corpora Cavernosa and its Significance in Prostaglandin-mediated Penile Erection
A. C. Roy, P. G. Adaikan, D. K. Sen and S. S. Ratnam 180

Penile Venous Drainage in Erectile Dysfunction. Anatomical, Radiological and Functional Considerations
S. R. Aboseif, J. Breza, T. F. Lue and E. A. Tanagho 183

Penile Response to Intracavernosal Vasoactive Intestinal Polypeptide Alone and in Combination with Other Vasoactive Agents
E. A. Kiely, S. R. Bloom and Gordon Williams 191

A Prospective Study of the Value of Conventional CT, Dynamic CT, Ultrasonography and Arteriography for Staging Renal Carcinoma
N. J. M. London, N. Messios, R. B. Kinder, J. G. Smart, D. E. Osborn, E. M. Watkin and J. T. Flynn 209

Cyclic Interferon Gamma Treatment of Patients with Metastatic Renal Carcinoma
J. W. Grups and H. G. W. Frohmüller 218

Maps for Diagnosis and Management of Antenatal Urinary Tract Dilatation
D. C. Hanbury, R. H. Whitaker, J. Tudor, A. K. Dixon and E. P. Wraight 221

Radiological Changes and Circulating Immune Complexes in Patients with Urinary Schistosomiasis
R. Cauda, E. Cruciani, V. Laghi, D. Fini, E. Tresalti, F. Di Silverio and L. Ortona 227

Failure of Allopurinol to Modify Urinary Composition in Enteric Hyperoxaluria
D. P. D'Cruz, D. J. Gertner, G. P. Kasidas, D. S. Rampton, G. A. Rose and C. T. Samuell 231

Inhibitory Effect of Pyrophosphate, Citrate, Magnesium and Chondroitin Sulphate in Calcium Oxalate Urolithiasis
F. Grases, C. Genestar, A. Conte, P. March and A. Costa-Bauza 235

Percutaneous Nephrostomy in the Management of Malignant Ureteric Obstruction
R. P. Teenan, A. Ramsay and R. F. Deane 238

Beta Human Chorionic Gonadotrophin in Serum and Urine. A Marker for Metastatic Urothelial Cancer
R. K. Iles, B. J. Jenkins, R. T. D. Oliver, J. P. Blandy and T. Chard 241

Flow Cytometry Analysis of Leucocytes Infiltrating Bladder Tumours According to Grade and Urothelial Cell DNA Content
A. Hijazi, M. Devonec, P. P. Bringuier, N. Dutrieux-Berger, P. Perrin and J. P. Revillard 245

Neo-adjuvant Chemotherapy for Invasive Bladder Cancer. Experience with the M-VAC Regimen
H. Scher, H. Herr, Cora Sternberg, W. Fair, G. Bosl, M. Morse, P. Sogani, R. Watson, D. Dershaw, V. Reuter, Tracy Curley, E. Darracott Vaughan Jr., W. Whitmore and A. Yagoda 250

B5 Tumour Marker and Urine Cytology in Diagnosis and Follow-up of Transitional Cell Bladder Cancer
K. Malpani, S. M. Metcalfe and A. Hinchliffe 257

Scintigraphic Assessment of Lower Urinary Tract Function in Children With and Without Outflow Tract Obstruction
M. J. E. van der Vis-Melsen, R. J. M. Baert, J. R. Rajnherc, J. M. Groen, L. M. M. J. Bemelmans and J. J. E. M. De Nef 263

Microbiology of the Urethral (Frequency and Dysuria) Syndrome. A Controlled Study with 5-year Review
W. A. Gillespie, E. P. Henderson, K. B. Linton and P. J. B. Smith 270

Relationship between Detrusor Pressure and Urinary Flow Rate in Males with an Intraurethral Prostatic Spiral
K. K. Nielsen, B. Kromann-Andersen and J. Nordling 275

Long-term Assessment of 107 Patients Undergoing Bladder Neck Incision
B. Waymont, J. P. Ward and K. C. Perry 280

Placenta Percreta Invading the Urinary Bladder
M. S. Litwin, K. R. Loughlin, Carol B. Benson, G. F. Droege and J. P. Richie 283

Glycine Irrigation and Urinary Oxalate Excretion
R. G. Hahn 287

Oestrogen Dosage in Prostatic Cancer: the Threshold Effect?
M. C. Bishop, R. J. Lemberger, C. Selby and W. T. Lawrence 290

A Search for Infectious Agents in Chronic Abacterial Prostatitis Using Ultrasound Guided Biopsy
A. Doble, B. J. Thomas, P. M. Furr, M. M. Walker, J. R. W. Harris, R. O'N. Witherow and D. Taylor-Robinson 297

Lumbar Pain in Stage 1 Testicular Germ Cell Tumours: a Symptom Preceding Radiological Abnormality
D. B. Smith, E. S. Newlands, G. J. S. Rustin, R. H. J. Begent and D. Bagshawe 302

Tuberculous Epididymo-orchitis: Clinical and Ultrasound Observations
N. D. Heaton, B. Hogan, M. Michell, P. Thompson and A. J. Yates-Bell 305

Treatment and Complications of Fournier's Gangrene
M. D. Wolach, J. P. MacDermott, A. R. Stone and R. W. de Vere White 310

Extracorporeal Shockwave Lithotripsy Monotherapy for Large Renal Calculi
M. J. Gleeson and D. P. Griffith 329

The Loss of Circadian Rhythmicity of Urinary Solute Excretion in Idiopathic Stone Formers
H. Sidhu, S. Vaidyanathan, D. Wangoo, S. K. Thind, R. Nath, G. C. Malakondaiah and K. Krishan 333

Xanthogranulomatous Pyelonephritis
V. Petronic, J. Buturovic and M. Isvaneski 336

Estimations of the S Phase Fraction *in situ* in Transitional Cell Carcinoma of the Renal Pelvis and Ureter with Bromodeoxyuridine Labelling
R. Nemoto, K. Hattori, A. Sasaki, N. Miyanaga, K. Koiso and M. Harada 339

The Duplex Ureter in Burnley, Pendle and Rossendale
D. G. Barnes and A. McGeorge 345

Residual Urine Volumes in a Normal Female Population: Application of Transvaginal Ultrasound
B. T. Haylen 347

Verification of the Accuracy and Range of Transvaginal Ultrasound in Measuring Bladder Volumes in Women
B. T. Haylen 350

Assessing the Effectiveness of Different Urinary Catheters in Emptying the Bladder: an Application of Transvaginal Ultrasound
B. T. Haylen, M. I. Frazer and J. H. MacDonald 353

Asymptomatic Bladder Neck Incompetence in Nulliparous Females
C. R. Chapple, C. W. Helm, S. Blease, E. J. G. Milroy, D. Rickards and J. L. Osborne 357

The Value of Urethral Sphincter Electromyography in the Differential Diagnosis of Parkinsonism
I. Eardley, N. P. Quinn, C. J. Fowler, R. S. Kirby, H. F. Parkhouse, C. D. Marsden and R. Bannister 360

Stop-flow Measurement of Detrusor Contractility in Bladder Outflow Obstruction
Anne-Charlotte Kinn 363

The Neurogenic Overactive Bladder. Classification Based on Urodynamics
M. Fall, B. L. Ohlsson and C.-A. Carlsson 368

Effects of External and Direct Pudendal Nerve Maximal Electrical Stimulation in the Treatment of the Uninhibited Overactive Bladder
B. L . Ohlsson, M. Fall and S. Frankenberg-Sommar 374

Urinary Bladder Cortical Evoked Potentials in Man: Suitable Stimulation Techniques
P. F. Deltenre and A. J. Thiry 381

Sequential Morphological Changes in the Pig Detrusor in Response to Chronic Partial Urethral Obstruction
J. S. Dixon, C. J. Gilpin, S. A. Gilpin, J. A. Gosling, A. F. Brading and M. J. Speakman 385

Bladder Irrigation or Irritation?
T. S. J. Elliott, L. Reid, G. Gopal Rao, R. C. Rigby and K. Woodhouse 391

Biofilms, Bacteria and Bladder Catheters
A Clinical Study
J. W. A. Ramsay, A. J. Garnham, A. B. Mulhall, Rosemary A. Crow, J. M. Bryan, I. Eardley, J. A. Vale and H. N. Whitfield 395

Bladder Tumours in Enugu, Nigeria
A. E. Aghaji and O. O. Mbonu 399

DNA Ploidy and the Prognosis of Stage pT1 Bladder Cancer
J. R. W. Masters, R. S. Camplejohn, M. Constance Parkinson and C. R. J. Woodhouse 403

Detection of Recurrent Bladder Tumours by Transrectal and Abdominal Ultrasound Compared with Cystoscopy
A. H. Davies, D. Cranston, T. Meagher and G. J. Fellows 409

Absorption of Drugs from Continent Caecal Reservoir for Urine
I. Ekman, W. Månsson and L. Nyberg 412

Prostatectomy in the Over 80-year-old
M. G. Wyatt, M. J. Stower, P. J. B. Smith and J. B. M. Roberts 417

Enhanced Cavernometry: Procedure for the Diagnosis of Venogenic Impotence
A. H. Bennett and F. A. Garofalo 420

Effect of Histamine on Human Vas Deferens *in vitro*
L. C. Lau, P. G. Adaikan and S. S. Ratnam 423

Risk Factors for Urinary Calcium Oxalate Crystals as Revealed by their Specific Enzymatic Assay
P. C. Hallson and G. A. Rose 451

Measurement of Calcium Phosphate Crystalluria: Influence of pH and Osmolality and Invariable Presence of Oxalate
P. C. Hallson and G. A. Rose 458

Possible Role of Tamm–Horsfall Glycoprotein in Calcium Oxalate Crystallisation
T. Yoshioka, T. Koide, M. Utsunomiya, H. Itatani, T. Oka and T. Sonoda 463

Recombinant Interferon-alpha with or without Vinblastine in Metastatic Renal Carcinoma
Results of a Randomised Phase II Study
Sophie D. Fossâ, N. Raabe and Brit Moe 468

The Fine Structure of Human Pseudomembranous Trigonitis
S. P. Jost, J. A. Gosling and J. S. Dixon 472

Is the Treatment of Urgency Incontinence a Placebo Response?
Results of a Five-year Follow-up
M. Aitchison, R. Carter, P. Paterson and B. Ferrie 478

Comparison of Stamey and Pereyra-Raz Bladder Neck Suspensions
P. J. R. Shah and P. D. Holder 481

Bile Acid Malabsorption: a Complication of Conduit Surgery
D. Durrans, R. Wujanto, R. N. P. Carroll and H. B. Torrance 485

Assessment of the Malignant Potential of Cystoplasty
Diane E. Nurse and A. R. Mundy 489

Assessment of Volume Measurement of the Prostate Using Per-rectal Ultrasonography
D. R. Jones, E. E. Roberts, G. J. Griffiths, M. C. Parkinson, K. T. Evans and W. B. Peeling 493

Treatment of Chronic Prostatitis and Prostatodynia with Pollen Extract
A. C. Buck, R. W. M. Rees and L. Ebeling 496

Acid Phosphatase Levels in Serum during Transurethral Prostatectomy
R. G. Hahn 500

Prostate Specific Antigen—a Screening Test for Prostatic Cancer?
C. S. Powell, A. M. Fielding, K. Rosser, A. C. Ames and K. C. Vaughton 504

Hot Flushes are Induced by Thermogenic Stimuli
K. A. McCallum and C. Reading 507

Early Post-operative Morbidity of Total Prostatectomy
A. W. S. Ritchie, Kathy James and J. B. deKernion 511

Fertility after Orchiopexy for Cryptorchidism: a New Approach to Assessment
D. Kumar, D. N. Bremner and P. W. Brown 516

Sperm Density Measurement: Should this be Abandoned?
D. F. Badenoch, S. J. W. Evans and D. J. McCloskey 521

Is Routine Pre-treatment Cryopreservation of Semen Worthwhile in the Management of Patients with Testicular Cancer?
Sophie D. Fossâ, Nina Aass and Kaare Molne 524

Chemotherapy of Advanced Seminoma: Clinical Significance of Radiological Findings before and after Treatment
Sophie D. Fossâ, G. Kullmann, H. H. Lien, Anna E. Stenwig and S. Ous 530

Deep Dorsal Vein Arterialisation in Vascular Impotence
E. Wespes, A. Corbusier, C. Delcour, G. Vandenbosch, J. Struyven and C. C. Schulman 535

Priapism in Childhood
P. A. Dewan, H. L. Tan, A. W. Auldist and D. I. McL. Moss 541

Assessment of the Nephron Segments Involved in Post-obstructive Diuresis in Man, Using Lithium Clearance
D. A. Jones, J. C. Atherton, P. H. O'Reilly, R. J. Barnard and N. J. R. George 559

Thermogravimetric Analysis of Urinary Stones
R. N. Sharma, I. Shah, S. Gupta, P. Sharma and A. A. Beigh 564

Does Extracorporeal Shockwave Lithotripsy Cause Hypertension?
B. S. I. Montgomery, R. S. Cole, E. L. H. Palfrey and K. E. D. Shuttleworth 567

Endoballoon Rupture and Stenting for Pelviureteric Junction Obstruction: Technique and Early Results
K. O'Flynn, M. Hehir, G. McKelvie, J. Hussey and J. Steyn 572

Features of Computed Tomography in Hydatid Cysts of the Urinary Tract
S. Karabekios, A. Gouliamos, A. Kalovidouris, L. Vlahos, C. Papavasiliou and J. Sakkas 575

Surveillance of an At Risk Population: Assessment of Postal Urine Cytology
J. A. Cumming, Margaret A. McIntyre, Cecilia C. A. MacIntyre and T. B. Hargreave 579

Transrectal Ultrasound Scanning in Urinary Incontinence: the Effect of the Probe on Urodynamic Parameters
D. H. Richmond and J. Sutherst 582

Factors Determining the Outcome following Implantation of the AMS 800 Artificial Urinary Sphincter
P. J. M. Kil, J. D. M. De Vries, P. E. V. A. Van Kerrebroeck, W. Zwiers and F. M. J. Debruyne 586

Early Experience of the Gittes "No-incision" Pubovaginal Suspension for Stress Urinary Incontinence
M. C. Foster and P. H. O'Reilly 590

The Effects of Simple Hysterectomy on Vesicourethral Function
B. T. Parys, B. T. Haylen, Jane L. Hutton and K. F. Parsons 594

Burch Colposuspension or Sling for Stress Incontinence? A Prospective Study Using Transrectal Ultrasound
D. H. Richmond and J. R. Sutherst 600

Phase II Study of Carboplatin in Locally Advanced and Metastatic Transitional Cell Carcinoma of the Urinary Bladder
N. K. Raabe, Sophie D. Fosså and G. Parø 604

The Fate of G3pT1 Bladder Cancer
B. J. Jenkins, R. R. Nauth-Misir, J. E. Martin, C. G. Fowler, H. F. Hope-Stone and J. P. Blandy 608

Structure and Per-rectal Ultrasonography of Prostatic Disease using Cadaver Specimens
D. R. Jones, G. J. Griffiths, M. C. Parkinson, K. T. Evans, E. E. Roberts, R. Ll. Davies, T. J. Harrison and W. B. Peeling 611

Bladder Outflow Tract Obstruction and Urinary Retention from Benign Prostatic Hypertrophy Treated by Balloon Dilatation
K. P. Gill, L. S. Machan, D. J. Allison and Gordon Williams 618

Transurethral Resection of the Prostate and Bladder Tumour without Withdrawal of Warfarin Therapy
N. J. Parr, C. S. Loh and A. D. Desmond 623

The Treatment of Sphincter Strictures
A. R. Mundy 626

Acquired Ventral Penile Curvature: Spongiofibrosis Caused by Urethral Manipulation
D. Yachia 629

Testicular Size in Infertile Men: Relationship to Semen Characteristics and Hormonal Blood Levels
L. Bujan, R. Mieusset, A. Mansat, J. P. Moatti, C. Mondinat and F. Pontonnier 632

Paediatric Urology

Ultrasound and Plain X-ray Screening in Childhood Urinary Tract Infection
D. C. Hanbury, R. H. Whitaker, T. Sherwood and P. Farman 638

Anterior Pelvic Osteotomy. A New Operative Technique Facilitating Primary Bladder Exstrophy Closure
P. Frey and S. J. Cohen 641

Inter-observer Variation in Assessment of Undescended Testis
Analysis of Kappa Statistics as Coefficient of Reliability
L. H. Olsen 644

Review

The pT1 G3 Bladder Tumour
B. R. P. Birch and S. J. Harland 109

A Chemist's View of the History of Urinary Stone Analysis
E. J. Westbury 445

Case Reports

Late Presentation of Congenital Posterior Urethral Valves
N. D. Heaton, C. Kadow and A. J. Yates-Bell 98

Renovascular Hypertension Associated with Narrowing of the Infrarenal Aorta
O. Ishizuka, A. Ogawa and M. Oohashi 98

Nephrogenic Caliceal Adenoma
G. F. Prati, A. Muolo and P. Dean 99

Spontaneous Extravasation and Urinoma Formation Secondary to Cervical Carcinoma
S. McClinton, P. Richmond and J. H. Steyn 100

Spontaneous Perforation of the Foreskin in Sweet's Syndrome
K. Pak, H. Inoue and T. Tomoyoshi 101

Haematuria Secondary to Idiopathic Renal Vein Varices
K. J. O'Flynn and G. B. McKelvie 101

Obstruction of the Vena Cava Secondary to an Enlarged Bladder
H. S. Markus and J. T. O'Brien 102

Renal Carcinoma Presenting as a Large Staghorn Stone
M. T. W. T. Lock, K. H. Kurth, J. S. Lameris, J. W. Ten Kate, J. H. M. Blom and R. J. Scholtmeijer 103

Technique for Relieving Vascular Obstruction of the Superior Infundibulum (Fraley's Syndrome)
A. Muolo, G. F. Prati, G. Recchia and P. Dean 195

Stalactites and Stalagmites: Crystal Formation on Ureteric Double-J Stents
N. S. I. Gordon 195

Pararenal Pseudocyst Secondary to Bladder Tumour
J. P. MacDermott and B. K. Gray 197

Unusual Metastasis of Bladder Cancer
A. Rebelakos, A. Manthopoulos and G. G. Hadjissotiriou 198

Catheters: a Knotty Problem!
D. J. Jones and T. A. McNicholas 198

Tension Pneumoperitoneum: an Unusual Urological Cause
A. Yip, W. Y. Lau and K. K. Wong 199

Squamous Intra-epithelial Neoplasia Presenting as a Urethral Caruncle
D. Neilson, J. B. F. Grant and C. E. T. Smith 200

Association between Squamous Cell Carcinoma of the Renal Pelvis and Calculi
M. N. Mhiri, T. Rebai, L. Turki and M. L. Smida 201

Testicular Metastases from Prostatic Carcinoma
D. B. Reid, N. McCann and R. F. Deane 315

An Unusual Presentation of a Urachal Remnant
R. A. Crawford, K. K. Sethia and D. P. Fawcett 315

Acute Retention due to Multiple Urethral Calculi—an Unusual Presentation of Bladder Tumour
K. J. Hastie, D. J. O'Regan and C. U. Moisey 316

A Rare Cause of Intermittent Painful Penile Swelling
R. M. Kernohan and S. R. Johnston 316

Prostatic Adenocarcinoma with Endometrioid Features Treated with Oestrogen
T. Matsuda, S. Hida and O. Yoshida 317

Bromocriptine-associated Retroperitoneal Fibrosis Presenting with Testicular Retraction
F. Murphy and R. S. Pickard 318

Ureterorectal Fistula
R. A. Scott, P. S. Watson and S. Y. K. Law 319

Bladder Outflow Obstruction Secondary to Intravenous Amphetamine Abuse
J. Worsey, N. M. Goble, M. Stott and P. J. B. Smith 320

Penile Plaque: a Presentation of Metastatic Renal Carcinoma
J. P. Kelleher, R. Ashpole and A. W. Pengelly 428

Seminal Vesicle Cystic Dilatation Masquerading as Proctalgia Fugax
A. Khan, M. Ahmed and J. Talati 428

AIDS presenting as Cytomegalovirus Cystitis
S. B. Lucas, D. C. Parr, Elizabeth Wright, Lucienne Papadaki and G. Patou 429

Small Bowel Lymphoma Invading the Bladder
C. Dent and J. Noble 430

Cystic Prostatic Carcinoma
M. G. Wyatt, T. J. Clarke, C. J. Tyrrell and J. C. Hammonds 430

Leaking Iliac Artery Aneurysm causing Bilateral Ureteric Obstruction and Oliguria
K. C. Saw and K. N. Bullock 431

Selective Colonisation of a Urinary Catheter
P. G. Murphy and T. S. Wilson 432

Atypical Presentation of Tuberculosis following Long-term Haemodialysis
N. D. Heaton, A. Severn and J. A. Rennie 433

Nodular Peri-orchitis
N. D. Heaton, C. Kadow and D. A. Packham 546

Polyorchidism, Bilateral Double Testis and Unilateral Testicular Torsion
I. T. Sözer, H. Kamberoğlu and E. Yücebaş 546

Urogenital Myiasis caused by Scuttle Fly Larvae (Diptera: Phoridae)
W. Meinhardt and R. H. L. Disney 547

Pyrexia of Unknown Origin. An Atypical Presentation of Bladder Carcinoma
F. W. Saa-Gandi, D. W. W. Newling and A. M. Cook 548

Pelviureteric Junction Obstruction Secondary to Renal Pelvic Incarceration in a Congenital Diaphragmatic Hernia
I. S. Paterson and E. W. Lupton 548

Large Scrotal Haematoma Treated with Medicinal Leeches
B. Isgar and A. G. Turner 549

Giant Urethral Calculus
J. L. G. Baños, B. M. Garcia, J. A. P. Martín and R. H. Rodríguez 550

Paraneoplastic Hypercalcaemia in Association with Schistosomal Bladder Cancer
O. Lortholary, P. Babinet, D. Mechali, J. P. Gardin and A. Meyrier 550

BCG Pyelonephritis following Intravesical BCG
G. M. Kondratowicz and D. M. A. Wallace 649

Supernumerary Kidney
S. M. Upsdell 650

Renal Carcinoma with Adjacent Retroperitoneal Fibrosis
J. L. R. Forsythe, M. C. Robinson and D. E. Neal 651

Subcutaneous Vasopressin in Nocturnal Enuresis
Charlotte Lanng, J. Nordling and H. J. Christensen 652

Nephro-broncho-cutaneous Fistula
M. Gil-Salom, J. Oron-Alpuente, J. Ruiz-Del-Castillo, P. Chuan-Nuez and P. Carretero-Gonzalez 652

Diagnosis and Successful Treatment of *post partum* Renal Vein Thrombosis
C. S. Loh, N. J. Parr and A. D. Desmond 653

Continuous Infusion of Phenylephrine in the Treatment of Papaverine-induced Priapism
J. F. Buckley, C. R. Chapple and T. McNicholas 654

Liposarcoma of the Bladder
A. D. Widdison and R. C. L. Feneley 655

Points of Technique

Ureteroscopic Removal of a Retained "T" Tube Fragment
J. H. Anderson, D. Kirk and P. S. Orr 105

Difficulty in Removing Suprapubic Catheter
M. J. Divers and G. Robertson 105

Renal Denervation with Releasing Renal Capsule Incision in the Loin Pain/Haematuria Syndrome
A. R. E. Blacklock 203

The Control of Incontinence in Spina Bifida
G. C. Wishart, W. A. S. Taylor and G. Orr 204

Sclerotherapy with Tetracycline for Hydrocele of the Tunica Vaginalis Testis
X. Ding 322

Expulsion of Urethral Calculus following Intermittent Closure of Suprapubic Catheter
M. N. Mhiri, H. Krichen and M. L. Smida 322

Transuretero-ureterostomy (Squared): Left to Right and Right to Left in the Same Patient
D. Cranston 323

Pharmacological Management of Erections during Transurethral Surgery
T. A. McNicholas, K. Thomson, H. S. Rogers and J. P. Blandy 435

Transrectal Prostatic Biopsy in Genucubital Position
D. Yachia, D. Lask and M. Friedman 436

Arteriocaliceal Fistula Controlled by Trans-catheter Occlusion
M. J. Stower, M. G. Wyatt and W. D. Jeans 436

Submeatal Injection of Polytetrafluoroethylene Paste for the Endoscopic Treatment of Vesicoureteric Reflux in Adults
D. Yachia 552

Staff Safety and Bladder Irrigation
B. Isgar and A. G. Turner 657

Temporary Upper Tract Urinary Diversion Using a Detachable Occlusion Balloon and Percutaneous Nephrostomy
J. P. Kelleher, M. E. Crofton and R. O'N. Witherow 657

Correspondence 205, 324, 438, 659

Prizes and Awards 661

Notices 107, 207, 326, 440, 556, 661

Diary 442, 557, 663

Book Reviews 444

Author Index 665

Subject Index 674